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Third National Health and Nutrition Examination Survey  
(NHANES III), 1988-94

Catalog Number 77560

NHANES III HOUSEHOLD ADULT DATA FILE DOCUMENTATION

Ages 17+

December 1996

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## Introduction

The National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC) collects, analyzes, and disseminates data on the health status of U.S. residents. The results of surveys, analyses, and studies are made known through a number of data release mechanisms including publications, mainframe computer data files, CD-ROMs (Search and Retrieval Software, Statistical Export and Tabulation System (SETS)), and the Internet (<http://www.cdc.gov/nchswww/nchshome.htm>).

The National Health and Nutrition Examination Survey (NHANES) is a periodic survey conducted by NCHS. The third National Health and Nutrition Examination Survey (NHANES III), conducted from 1988 through 1994, was the seventh in a series of these surveys based on a complex, multi-stage sample plan. It was designed to provide national estimates of the health and nutritional status of the United States' civilian, noninstitutionalized population aged two months and older.

Data from NHANES III are being released in five public release data files:

NHANES III Household Adult Data File (Catalog Number 77560)

NHANES III Household Youth Data File (Catalog Number 77550)

NHANES III Examination Data File (Catalog Number 76200)

NHANES III Laboratory Data File (Catalog Number 76300)

NHANES III Dietary Recall Data Files (Catalog Number 76700)

A table showing the location of the interview and examination components in the five NHANES III public release data files follows.

Location of the interview and examination components in the five NHANES III public release data files

Data File

Topic	HA	HY	EXAM	LAB	DIET
Sample weights	X	X	X	X	.
Age/race/sex	X	X	X	X	.
Ethnic background	X	X	.	.	.
Household composition	X	X	.	.	.
Individual characteristics	X	X	.	.	.
Health insurance	X	X	.	.	.
Family background	X	X	.	.	.
Occupation of family head	X	X	.	.	.
Housing characteristics	X	X	.	.	.
Family characteristics	X	X	.	.	.
Orientation	X	X	.	.	.
Health services	X	X	.	.	.
Selected health conditions	X	X	X	.	.
Diabetes questions	X	.	.	.	.
High blood pressure and cholesterol questions	X	.	.	.	.
Cardiovascular disease questions	X	.	.	.	.
Musculoskeletal conditions	X	.	.	.	.
Physical functioning questions	X	.	.	.	.
Gallbladder disease questions	X	.	.	.	.

Location of the interview and examination components in the five NHANES III public release data files (continued)

Data File

Topic	HA	HY	EXAM	LAB	DIET
Kidney conditions	X	.	.	.	.
Respiratory and allergy questions	X	X	.	.	.
Diet questions	X	.	.	.	.
Food frequency	X	.	X	.	.
Vision questions	X	X	.	.	.
Hearing questions	X	X	.	.	.
Dental care and status	X	X	.	.	.
Tobacco	X	.	X	.	.
Occupation	X	.	.	.	.
Language usage	X	X	.	.	.
Exercise	X	.	.	.	.
Social support/residence	X	.	.	.	.
Vitamin/mineral/medicine usage	X	X	X	.	.
Blood pressure measurement	X	.	X	.	.
Birth	.	X	X	.	.
Infant feeding practices/diet	.	X	.	.	.
Motor and social development	.	X	.	.	.
Functional impairment	X	X	.	.	.
School attendance	.	X	.	.	.
Cognitive function	.	X	X	.	.

Location of the interview and examination components in the five NHANES III public release data files (continued)

Data File

Topic	HA	HY	EXAM	LAB	DIET
Alcohol and drug use	.	.	X	.	.
Reproductive health	.	.	X	.	.
Diagnostic interview schedule	.	.	X	.	.
Activity	.	.	X	.	.
Physician's examination	.	.	X	.	.
Height and weight	.	.	X	.	.
Body measurements	.	.	X	.	.
Dental examination	.	.	X	.	.
Allergy skin test	.	.	X	.	.
Audiometry	.	.	X	.	.
Tympanometry	.	.	X	.	.
WISC and WRAT	.	.	X	.	.
Spirometry	.	.	X	.	.
Bone densitometry	.	.	X	.	.
Gallbladder ultrasonography	.	.	X	.	.
Central nervous system function evaluation	.	.	X	.	.
Fundus photography	.	.	X	.	.
Physical function evaluation	.	.	X	.	.
Fasting questions	.	.	.	X	.

Location of the interview and examination components in the five NHANES III public release data files (continued)

Data File

Topic	HA	HY	EXAM	LAB	DIET
Laboratory tests on blood and urine	.	.	.	X	.
Total nutrient intakes	.	.	X	.	.
Individual foods	.	.	.	.	X
Combination foods	.	.	.	.	X
Ingredients	.	.	.	.	X

Data File Definitions

- HA - Household Adult Data File
- HY - Household Youth Data File
- EXAM - Examination Data File
- LAB - Laboratory Data File
- DIET - Dietary Recall Data Files

This document includes the documentation for the NHANES III Adult Data File and also contains a general overview of the survey and the use of the data files. The general overview includes five sections. The first section, entitled "Guidelines for Data Users," contains important information about the use of the data files. The second section, "Survey Description," is a brief overview of the survey plan and operation. The third section, "Sample Design and Analysis Guidelines," describes some technical aspects of the sampling plan and discusses some analytic issues particularly related to the use of data from complex sample surveys. The "Data Preparation and Processing Procedures" section describes the editing conventions and the codes used to represent the data. The last and fifth section, "General References," includes a reference list for the survey overview sections of the document.

Public Use Data Files for the third National Health and Nutrition Examination Survey will also be available from the National Technical Information Service (NTIS). A list of NCHS public use data tapes available for purchase from NTIS may be obtained from the Data Dissemination Branch at NCHS. Information regarding a bibliography (on disk) of journal articles citing data from all the NHANES and the availability of NHANES III data in CD-ROM/SETS software format can be obtained from the Data Dissemination Branch(301-436-8500) or by writing to:

Data Dissemination Branch  
National Center for Health Statistics  
Room 1018  
6525 Belcrest Road  
Hyattsville, Maryland 20782

NTIS can be contacted at:

NTIS - Computer Products Office  
5285 Port Royal Road  
Springfield, Virginia 22161  
(703) 487-4807

Copies of all NHANES III questionnaires and data collection forms are included in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996). This publication, along with detailed information on NHANES procedures, interviewing, data collection, quality control techniques, survey design, nonresponse, and sample weighting can be found on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996). Information on how to order this CD-ROM is available from the Data Dissemination Branch at NCHS at the address and telephone number given above.

## GUIDELINES FOR DATA USERS

Please refer to the following important information before analyzing data.

### NHANES III Background Documents

- o The Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, (NCHS, 1994; U.S. DHHS, 1996) provides an overview of the survey and includes copies of the survey forms.
- o The sample design, nonresponse, and analytic guidelines documents on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) discuss the reasons that sample weights and the complex survey design should be taken into account when conducting any analysis.
- o Instruction manuals, laboratory procedures, and other NHANES III reference manuals on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) are also available for further information on the details of the survey.

### Analytic Data Set Preparation

- o Most NHANES III survey design and demographic variables are found only on the Adult and Youth Household Data Files. In preparing a data set for analysis, other data files must be merged with either or both of these files to obtain many important analytic variables.
- o All of the NHANES III public use data files are linked with the common survey participant identification number (SEQN). Merging information from multiple NHANES III data files using this variable ensures that the appropriate information for each survey participant is linked correctly.
- o NHANES III public use data files do not have the same number of records on each file. The Household Questionnaire Files (divided into two files, Adult and Youth) contain more records than the Examination Data File because not everyone who was interviewed completed the examination. The Laboratory Data File contains data only for persons aged one year and older. The Individual Foods Data File based on the dietary recall has multiple records for each person rather than the one record per sample person contained in the other data files.
- o For each data file, SAS program code with standard variable names and labels is provided as separate text files on the CD-ROM that contains the data files. This SAS program code can be used to create a SAS data set from the data file.
- o Modifications were made to items in the questionnaires, laboratory, and examination components over the course of the survey; as a result, data may not be available for certain variables for the full six years. In addition, variables may differ by phase since some changes were implemented between phases. Users are encouraged to read the Notes sections of this document carefully for information about changes.

- o Extremely high and low values have been verified whenever possible, and numerous consistency checks have been performed. Nonetheless, users should examine the range and frequency of values before analyzing data.
- o Some data were not ready for release at the time of this publication due to continued processing of the data or analysis of laboratory specimens. A listing of those data are available in the general information section of each data file.
- o Confidential and administrative data are not being released to the public. Additionally, some variables have been recoded to help protect the confidentiality of the survey participants. For example, all age-related variables were recoded to 90+ years for persons who were 90 years of age and older.
- o Some variable names may differ from those used in the Phase 1 NHANES III Provisional Data Release and some variables included in the Phase 1 provisional release may not appear on these files.
- o Although the data files have been edited carefully, errors may be detected. Please notify NCHS staff (301-436-8500) of any errors in the data file or the documentation.

## Analytic Considerations

- o NHANES III (1988-94) was designed so that the survey's first three years, 1988-91, its last three years, 1991-94, and the entire six years were national probability samples. Analysts are encouraged to use all six years of survey results.
- o Sample weights are available for analyzing NHANES III data. One of the following three sample weights will be appropriate for nearly all analyses: interviewed sample final weight (WTPFQX6), examined sample final weight (WTPFEX6), and mobile examination center (MEC)- and home-examined sample final weight (WTPFH6). Choosing which of these sample weights to use in any analysis depends on the variables being used. A good rule of thumb is to use "the least common denominator" approach. In this approach, the user checks the variables of interest. The variable that was collected on the smallest number of persons is the "least common denominator," and the sample weight that applies to that variable is the appropriate one to use for that analysis. For more detailed information, see the Analytic and Reporting Guidelines for NHANES III (U.S. DHHS, 1996).

## Referencing or Citing NHANES III Data

- o In publications, please acknowledge NCHS as the original data source. For instance, the reference for the NHANES III Laboratory Data File is:  
  
U.S. Department of Health and Human Services (DHHS). National Center for Health Statistics. Third National Health and Nutrition Examination Survey, 1988-1994, NHANES III Laboratory Data File (CD-ROM). Public Use Data File Documentation Number 76200. Hyattsville, MD.: Centers for Disease Control and Prevention, 1996. Available from National Technical Information Service (NTIS), Springfield, VA. Acrobat. PDF format; includes access software: Adobe Systems, Inc. Acrobat Reader 2.1.
- o Please place the acronym "NHANES III" in the titles or abstracts of journal articles and other publications in order to facilitate the retrieval of such materials in bibliographic searches.

## SURVEY DESCRIPTION

The third National Health and Nutrition Examination Survey (NHANES III) was the seventh in a series of large health examination surveys conducted in the United States beginning in 1960. Three of these surveys, the National Health Examination Surveys (NHES), were conducted in the 1960's (NCHS, 1965; NCHS, 1967; NCHS, 1969). In 1970, an expanded nutrition component was added to provide data with which to assess nutritional status and dietary practices, and the name was changed to the National Health and Nutrition Examination Survey (Miller, 1973; Engel, 1978; McDowell, 1981). A special survey of Hispanic populations in the United States was conducted during 1982-1984 (NCHS, 1985).

The general structure of the NHANES III sample design was similar to that of the previous NHANES. All of the surveys used complex, multi-stage, stratified, clustered samples of civilian, noninstitutionalized populations. NHANES III was the first NHANES without an upper age limit; in fact, the age range for the survey was two months and older. A home examination option was employed for the first time in order to obtain examination data for very young children and for elderly persons who were unable to visit the mobile examination center (MEC). The home examination included only a subset of the components used in the full MEC examination since it would have been difficult to collect some types of data in a home setting. A detailed description of design specifications and copies of the data collection forms can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996).

NHANES III was conducted from October 1988 through October 1994 in two phases, each of which comprised a national probability sample. The first phase was conducted from October 18, 1988, through October 24, 1991, at 44 locations. The second phase was conducted from September 20, 1991, through October 15, 1994, at 45 different locations. In NHANES III, 39,695 persons were selected over the six years; of those, 33,994 (86%) were interviewed in their homes. All interviewed persons were invited to the MEC for a medical examination. Seventy-eight percent (30,818) of the selected persons were examined in the MEC, and an additional 493 persons were given a special, limited examination in their homes.

Data collection began with a household interview. Several questionnaires were administered in the household: Household Screener Questionnaire, Family Questionnaire, Household Adult Questionnaire, and Household Youth Questionnaire.

At the MEC, an examination was performed, and five automated questionnaires or interviews were administered: MEC Adult Questionnaire, MEC Youth Questionnaire, MEC Proxy Questionnaire, 24-Hour Dietary Recall, and Dietary Food Frequency (ages 12-16 years). The health examination component included a variety of tests and procedures. The examinee's age at the time of the interview and other factors determined which procedures were administered. Blood and urine specimens were obtained, and a number of tests and measurements were performed including body measurements, spirometry, fundus photography, x-rays, electrocardiography, allergy and glucose tolerance tests, and ultrasonography. Measurements were taken of bone density, hearing, and physical, cognitive, and central nervous system

functions. A physician performed a limited standardized medical examination and a dentist performed a standardized dental examination. While some of the blood and urine analyses were performed in the MEC laboratory, most analyses were conducted elsewhere by contract laboratories.

A home examination was conducted for those sample persons aged 2-11 months and aged 20 years or older who were unable to visit the mobile examination center. The home examination consisted of an abbreviated version of the tests and interviews performed in the MEC. Depending on age of the sample person, the components included body measurements, blood pressure, spirometry, venipuncture, physical function evaluation, and a questionnaire to inquire about infant feeding, selected health conditions, cognitive function, tobacco use, and reproductive history.

## SAMPLE DESIGN AND ANALYSIS GUIDELINES

### Sample Design

The general structure of the NHANES III sample design is the same as that of the previous NHANES. Each of these surveys used a stratified, multi-stage probability design. The major design parameters of the two previous NHANES and the special Hispanic HANES, as well as NHANES III, have been previously summarized (Miller, 1973; McDowell, 1981; NCHS, 1985; NCHS, 1994). The NHANES III sample was designed to be self-weighting within a primary sampling unit (PSU) for subdomains (age, sex, and race-ethnic groups). While the sample was fairly close to self-weighting nationally for each of these subdomain groups, it was not representative of the total population, which includes institutionalized, non-civilian persons that were outside the scope of the survey.

The NHANES III sample represented the total civilian, noninstitutionalized population, two months of age or over, in the 50 states and the District of Columbia of the United States. The first stage of the design consisted of selecting a sample of 81 PSU's that were mostly individual counties. In a few cases, adjacent counties were combined to keep PSU's above a minimum population size. The PSU's were stratified and selected with probability proportional to size (PPS). Thirteen large counties (strata) were chosen with certainty (probability of one). For operational reasons, these 13 certainty PSU's were divided into 21 survey locations. After the 13 certainty strata were designated, the remaining PSU's in the United States were grouped into 34 strata, and two PSU's were selected per stratum (68 survey locations). The selection was done with PPS and without replacement. The NHANES III sample therefore consists of 81 PSU's or 89 locations.

The 89 locations were randomly divided into two groups, one for each phase. The first group consisted of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased estimates (from the point of view of sample selection) of health and nutrition characteristics can be independently produced for both Phase 1 and Phase 2 as well as for both phases combined.

For most of the sample, the second stage of the design consisted of area segments composed of city or suburban blocks, combinations of blocks, or other area segments in places where block statistics were not produced in the 1980 Census. In the first phase of NHANES III, the area segments were used only for a sample of persons who lived in housing units built before 1980. For units built in 1980 and later, the second stage consisted of sets of addresses selected from building permits issued in 1980 or later. These are referred to as "new construction segments." In the second phase, 1990 Census data and maps were used to define the area segments. Because the second phase followed within a few years of the 1990 Census, new construction did not account for a significant part of the sample, and the entire sample came from the area segments.

The third stage of sample selection consisted of households and certain types of group quarters, such as dormitories. All households and eligible group quarters in the sample segments were listed, and a subsample was designated for screening to identify potential sample persons. The subsampling rates enabled production of a national, approximately equal-probability sample of households in most of the United States with higher rates for the geographic strata with high Mexican-American populations. Within each geographic stratum, there was a nearly equal-probability sample of households across all 89 stands.

Persons within the sample of households or group quarters were the fourth stage of sample selection. All eligible members within a household were listed, and a subsample of individuals was selected based on sex, age, and race or ethnicity. The definitions of the sex, age, race or ethnic classes, subsampling rates, and designation of potential sample persons within screened households were developed to provide approximately self-weighting samples for each subdomain within geographic strata and at the same time to maximize the average number of sample persons per sample household. Previous NHANES indicated that this increased the overall participation rate. Although the exact sample sizes were not known until data collection was completed, estimates were made. Below is a summary of the sample sizes for the full six-year NHANES III at each stage of selection:

Number of PSU's	81
Number of stands (survey locations)	89
Number of segments	2,144
Number of households screened	93,653
Number of households with sample persons	19,528
Number of designated sample persons	39,695
Number of interviewed sample persons	33,994
Number of MEC-examined sample persons	30,818
Number of home-examined sample persons	493

More detailed information on the sample design and weighting and estimation procedures for NHANES III can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996) and in the Analytic and Reporting Guidelines: Third National Health and Nutrition Examination Survey (NHANES III), 1988-94 (U.S. DHHS, 1996).

#### Analysis Guidelines

Because of the complex survey design used in NHANES III, traditional methods of statistical analysis based on the assumption of a simple random sample are not applicable. Detailed descriptions of this issue and possible analytic methods for analyzing NHANES data have been described earlier (NCHS, 1985; Yetley, 1987; Landis, 1982; Delgado, 1990). Recent analytic and reporting guidelines that should be used for most NHANES III analyses and publications are contained in Analytic and Reporting Guidelines (U.S. DHHS, 1996). These recommendations differ slightly from those used by analysts for previous NHANES surveys. These suggested guidelines provide a framework to users for producing estimates that conform to the analytic design of the survey. All users are strongly urged to review these analytic and reporting guidelines before beginning any analyses of NHANES III data.

It is important to remember that this set of statistical guidelines is not absolute. When conducting analyses, the analyst needs to use his/her subject matter knowledge (including methodological issues) as well as information about the survey design. The more one deviates from the original analytic categories defined in the sample design, the more important it is to evaluate the results carefully and to interpret the findings cautiously.

In NHANES III, 89 survey locations were randomly divided into two sets or phases, the first consisting of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased national estimates of health and nutrition characteristics can be independently produced for each phase as well as for both phases combined. Computation of national estimates from both phases combined (i.e., total NHANES III) is the preferred option; individual phase estimates may be highly variable. In addition, individual phase estimates are not statistically independent. It is also difficult to evaluate whether differences in individual phase estimates are real or due to methodological differences. That is, differences may be due to changes in sampling methods or data collection methodology over time. At this time, there is no valid statistical test for examining differences between Phase 1 and Phase 2. Therefore, although point estimates can be produced separately for each phase, no test is available to test whether those estimates are significantly different from each other.

NHANES III is based on a complex, multi-stage probability sample design. Several aspects of the NHANES design must be taken into account in data analysis, including the sample weights and the complex survey design. Appropriate sample weights are needed to estimate prevalence, means, medians, and other statistics. Sample weights are used to produce correct population estimates because each sample person does not have the same probability of selection. The sample weights incorporate the differential probabilities of selection and include adjustments for noncoverage and nonresponse. A detailed discussion of nonresponse adjustments and issues related to survey coverage have been published (U.S. DHHS, 1996). With the large over sampling of young children, older persons, black persons, and Mexican-Americans in NHANES III, it is essential that the sample weights be used in all analyses. Otherwise, a misinterpretation of results is highly likely. Other aspects of the design that must be taken into account in data analyses are the strata and PSU pairings from the sample design. These pairings should be used to estimate variances and test for statistical significance. For weighted analyses, analysts can use special computer software packages that use an appropriate method for estimating variances for complex samples such as SUDAAN (Shah, 1995) and WesVarPC (Westat, 1996).

Although initial exploratory analyses may be performed on unweighted data using standard statistical packages and assuming simple random sampling, final analyses should be done on weighted data using appropriate sample weights. A summary of the weighting methodology and the type of sample weights developed for NHANES III is included in Weighting and Estimation Methodology (U.S. DHHS, 1996).

The purpose of weighting the sample data is to permit analysts to produce estimates of statistics that would have been obtained if the entire sampling frame (the United States) had been surveyed. Sample weights can be considered as measures of the number of persons the particular sample

observation represents. Weighting takes into account several features of the survey: the specific probabilities of selection for the individual domains that were over sampled as well as nonresponse and differences between the sample and the total U.S. population. Differences between the sample and

the population may arise due to sampling variability, differential under coverage in the survey among demographic groups, and possibly other types of response errors, such as differential response rates or misclassification errors. Sample weighting in NHANES III was used to:

1. Compensate for differential probabilities of selection among subgroups (i.e., age-sex-race-ethnicity subdomains where persons living in different geographic strata were sampled at different rates);
2. Reduce biases arising from the fact that nonrespondents may be different from those who participate;
3. Bring sample data up to the dimensions of the target population totals;
4. Compensate, to the extent possible, for inadequacies in the sampling frame (resulting from omissions of some housing units in the listing of area segments, omissions of persons with no fixed address, etc.); and
5. To reduce variances in the estimation procedure by using auxiliary information that is known with a high degree of accuracy.

In NHANES III, the sample weighting was carried out in three stages. The first stage involved the computation of weights to compensate for unequal probabilities of selection (objective 1, above). The second stage adjusted for nonresponse (objective 2). The third stage used poststratification of the sample weights to Census Bureau estimates of the U.S. population to accomplish the third, fourth, and fifth objectives simultaneously. In NHANES III, several types of sample weights (see the sample weights table that follows) were computed for the interviewed and examined sample and are included in the NHANES III data file. Also, sample weights were computed separately for Phase 1 (1988-91), Phase 2 (1991-94), and total NHANES III (1988-94) to facilitate analysis of items collected only in Phase 1, only in Phase 2, and over six years of the survey. Three sets of pseudo strata and PSU pairings are provided to use with SUDAAN in variance estimation. Since NHANES III is based on a complex, multi-stage sample design, appropriate sample weights should be used in analyses to produce national estimates of prevalence and associated variances while accounting for unequal probability of selection of sample persons. For example, the final interview weight, WTPFQX6, should be used for analysis of the items or questions from the family or household questionnaires, and the final MEC examination weight, WTPFEX6, should be used for analysis of the questionnaires and measurements administered in the MEC. Furthermore, for a combined analysis of measurements from the MEC examinations and associated medical history questions from the household interview, the final MEC examination weight, WTPFEX6, should be used. We recommend using SUDAAN (Shah, 1995) to estimate statistics of interest and the associated variance. However, one can also use other published methods for variance estimation. Application of SUDAAN and alternative methods, such as the average design effect approach, balance repeated replication (BRR) methods, or jackknife methods for variance estimation, are discussed in Weighting and Estimation Methodology (U.S. DHHS, 1996).

## Appropriate Uses of the NHANES III Sample Weights

Final interview weight, WTPFQX6

Use only in conjunction with the sample interviewed at home and with items collected during the household interview.

Final examination (MEC only) weight, WTPFEX6

Use only in conjunction with the MEC-examined sample and with interview and examination items collected at the MEC.

Final MEC+home examination weight, WTPFHX6

Use only in conjunction with the MEC+home-examined sample and with items collected at both the MEC and home.

Final allergy weight, WTPFALG6

Use only in conjunction with the allergy subsample and with items collected as part of the allergy component of the exam.

Final CNS weight, WTPFCNS6

Use only in conjunction with the CNS subsample and with items collected as part of the CNS component of the exam.

Final morning examination (MEC only) subsample weight, WTPFSD6

Use only in conjunction with the MEC-examined persons assigned to the morning subsample and only with items collected in the MEC exam.

Final afternoon/evening examination (MEC only) subsample weight, WTPFMD6

Use only in conjunction with the MEC-examined persons assigned to the afternoon/evening subsample and only with items collected in the MEC exam.

Final morning examination (MEC+home) subsample weight, WTPFHSD6

Use only in conjunction with the MEC- and home-examined persons assigned to the morning subsample and with items collected during the MEC and home examinations.

Final afternoon/evening examination (MEC+home) weight, WTPFHMD6

Use only in conjunction with the MEC- and home-examined persons assigned to the afternoon/evening subsample and with items collected during the MEC and home examinations.

## DATA PREPARATION AND PROCESSING PROCEDURES

Automated data collection procedures for the survey were introduced in NHANES III. In the mobile examination centers, data for the interview and examination components were recorded directly onto a computerized data collection form. With the exception of a few independently automated systems, the system was centrally integrated. This operation allowed for ongoing monitoring of much of the data. Before the introduction of the computer-assisted personal interview (CAPI), the household questionnaire data were reviewed manually by field editors and interviewers. CAPI (1992-1994 only) questionnaires featured built-in edits to prevent entering inconsistencies and out-of-range responses. The multi-level data collection and quality control systems are discussed in detail in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996). All interview, laboratory, and examination data were sent to NCHS for final processing.

Guidelines were developed that provided standards for naming variables, filling missing values and coding conventional responses, handling missing records, and standardizing two-part quantity/unit questionnaire variables. NCHS staff, assisted by contract staff, developed data editing specifications that checked data sets for valid codes, ranges, and skip pattern consistencies and examined the consistency of values between interrelated variables. Comments, collected in both interviews and examination components, were reviewed and recoded when possible. Responses to "Other" and "Specify" were recoded either to existing code categories or to new categories. The documentation for each data set includes notes for those variables that have been recoded and standardized and for those variables that differ significantly from what appears in the original data collection instrument. While the data have undergone many quality control and editing procedures, there still may be values that appear extreme or illogical. Values that varied considerably from what was expected were examined by analysts who checked for comments or other responses that might help to clarify unusual values. Generally, values were retained unless they could not possibly be true, in which case they were changed to "Blank but applicable." Therefore, the user must review each data set for extreme or inconsistent values and determine the status of each value for analysis.

Several editing conventions were used in the creation of final analytic data sets:

1. Standardized variables were created to replace all two-part quantity/unit questions using standard conversion factors. Standardized variables have the same name as the variable of the two-part question with an "S" suffix. For instance, MAPF18S (Months received WIC benefits) in the MEC Adult Questionnaire was created from the two-part response option to question F18, "How long did you receive benefits from the WIC program?," using the conversion factor 12 months per year.
2. Recoded variables were created by combining responses from two or more like variables, or by collapsing responses to create a summary variable for the purpose of confidentiality. Recoded variables have the original variable name with an R suffix. For example, place of birth variable (HFA6X) in the Family Questionnaire was collapsed to a three

level response category (U.S., Mexico, Other) and renamed HFA6XCR. Generally, only the recoded variable has been included in the data file.

3. Fill values, a series of one or more digits, were used to represent certain specific conditions or responses. Below is a list of the fill values that were employed. Some of the fill values pertain only to questionnaire data, although 8-fill and blank-fill values are found in all data sets. Other fill values, not included in this list, are used to represent component-specific conditions.

6-fills = Varies/varied. (Questionnaires only)

7-fills = Fewer than the smallest number that could be reported within the question structure (e.g., fewer than one cigarette per day). (Questionnaires only)

8-fills = Blank but applicable/cannot be determined. This means that a respondent was eligible to receive the question, test, or component but did not because of refusal, lack of time, lack of staff, loss of data, broken vial, language barrier, unreliability, or other similar reasons.

9-fills = Don't know. This fill was used only when a respondent did not know the response to a question and said, "I don't know." (Questionnaires only)

Blank fills = Inapplicable. If a respondent was not eligible for a questionnaire, test, or component because of age, gender, or specific reason, the variable was blank-filled. In the questionnaire, if a respondent was not asked a question because of a skip-pattern, variables corresponding to the question were blank-filled. For examination or laboratory components, if a person was excluded by a defined protocol (e.g., screening exclusion questions) and these criteria are included in the data set, then the corresponding variables were blank-filled for that person. For home examinees, variables for examination components and blood tests not performed as part of the home examination protocol were blank-filled.

4. For variables describing discrete data, codes of zero (0) were used to mean "none," "never," or the equivalent. Value labels for which "0" is used include: "has not had," "never regularly," "still taking," or "never stopped using." Unless otherwise labeled, for variables containing continuous data, "zero" means "zero."
5. Where there are logical skip patterns in the flow of the questionnaire or examination component, the skip was indicated by placing the variable label of the skip destination in parentheses as part of the value label of the response generating the skip. For example, in the Physical Function Evaluation, the variable PFPWC (in wheelchair) has a value label, "2 No (PFPSCOOT)" that means that the next item for persons not in a wheelchair would be represented by the variable, PFPSCOOT.

## Variable Nomenclature

A unique name was assigned to every NHANES III variable using a standard convention. By following this naming convention, the origin of each variable is clear, and there is no chance of overlaying similar variables across multiple components. Variables range in length from three to eight characters. The first two variable characters represent the topic (e.g., analyte, questionnaire instrument, examination component) and are listed below alphabetically by topic. For questionnaires administered in the household, the remainder of the variable name following the first two

characters indicates the question section and number. For example, data for the response to the Household Adult Questionnaire question B1 are contained in the variable HAB1. For most laboratory and examination variables, as well as some other variables, a "P" in the third position refers to "primary" and the remainder of the variable name is a brief description of the item. For instance, in the Laboratory Data File, information on the length of time the person fasted before the first blood draw is contained in the variable PHPFAST. The variable PHPFAST was derived as follows: characters 1-2 (PH) refer to "phlebotomy," character 3 (P) refers to "primary," characters 4-8 (FAST) refer to an abbreviation for "fasting."

CODE	TOPIC
AT	Alanine aminotransferase (from biochemistry profile)
AM	Albumin (from biochemistry profile)
AP	Alkaline phosphatase (from biochemistry profile)
AL	Allergy skin test
AC	Alpha carotene
AN	Anisocytosis
AA	Apolipoprotein (AI)
AB	Apolipoprotein (B)
AS	Aspartate aminotransferase (from biochemistry profile)
LA	Atypical lymphocyte
AU	Audiometry
BA	Band
BO	Basophil
BS	Basophilic stippling
BC	Beta carotene
BX	Beta cryptoxanthin
BL	Blast
BU	Blood urea nitrogen (BUN) (from biochemistry profile)
BM	Body measurements
BD	Bone densitometry
C1	C-peptide (first venipuncture)
C2	C-peptide (second venipuncture)
CR	C-reactive protein
UD	Cadmium
CN	Central nervous system function evaluation
CL	Chloride (from biochemistry profile)
CO	Cotinine
CE	Creatinine (serum)(from biochemistry profile)
UR	Creatinine (urine)
DM	Demographic
DE	Dental examination

CODE	TOPIC
MQ	Diagnostic interview schedule
DR	Dietary recall (total nutrient intakes)
EO	Eosinophil
EP	Erythrocyte protoporphyrin
FR	Ferritin
FB	Fibrinogen
RB	Folate (RBC)
FO	Folate (serum)
FH	Follicle stimulating hormone (FSH)
FP	Fundus photography
GG	Gamma glutamyl transferase (GGT) (from biochemistry profile)
GU	Gallbladder ultrasonography
GB	Globulin (from biochemistry profile)
G1	Glucose (first venipuncture)
G2	Glucose (second venipuncture)
SG	Glucose (from biochemistry profile)
GH	Glycated hemoglobin
GR	Granulocyte
C3	HCO <sub>3</sub> (Bicarbonate)(from biochemistry profile)
HD	HDL cholesterol
HP	Helicobacter pylori antibody
HT	Hematocrit
HG	Hemoglobin
AH	Hepatitis A antibody (HAV)
HB	Hepatitis B core antibody (anti-HBc)
SS	Hepatitis B surface antibody (anti-HBs)
SA	Hepatitis B surface antigen (HBsAg)
HC	Hepatitis C antibody (HCV)
DH	Hepatitis D antibody (HDV)
H1	Herpes 1 antibody
H2	Herpes 2 antibody
HX	Home examination (general)
HF	Household family questionnaire
HA	Household adult questionnaire
HQ	Household questionnaire variables (composite)
HS	Household screener questionnaire
HY	Household youth questionnaire
HZ	Hypochromia
I1	Insulin (first venipuncture)
I2	Insulin (second venipuncture)
UI	Iodine (urine)
FE	Iron
SF	Iron (from biochemistry profile)
LD	Lactate dehydrogenase (from biochemistry profile)
L1	Latex antibody
LC	LDL cholesterol (calculated)
PB	Lead
LP	Lipoprotein (a)
LH	Luteinizing hormone
LU	Lutein/zeaxanthin
LY	Lycopene
LM	Lymphocyte
MR	Macrocyte
MC	Mean cell hemoglobin (MCH)

CODE	TOPIC
MH	Mean cell hemoglobin concentration (MCHC)
MV	Mean cell volume (MCV)
PV	Mean platelet volume
MA	MEC adult questionnaire
MX	MEC examination (general)
FF	Dietary food frequency (ages 12-16 years)
MP	MEC proxy questionnaire
MY	MEC youth questionnaire
ME	Metamyelocyte
MI	Microcyte
MO	Monocyte
MN	Mononuclear cell
ML	Myelocyte
IC	Normalized calcium (derived from ionized calcium)
OS	Osmolality (from biochemistry profile)
PH	Phlebotomy data collected in MEC (e.g., questions)
PS	Phosphorus (from biochemistry profile)
PF	Physical function evaluation
PE	Physician's examination
PL	Platelet
DW	Platelet distribution width
PK	Poikilocytosis
PO	Polychromatophilia
SK	Potassium (from biochemistry profile)
PR	Promyelocyte
RC	Red blood cell count (RBC)
RW	Red cell distribution width (RDW)
RE	Retinyl esters
RF	Rheumatoid factor antibody
RU	Rubella antibody
WT	Sample weights
SE	Selenium
SI	Sickle cell
NA	Sodium (from biochemistry profile)
SH	Spherocyte
SP	Spirometry
SD	Survey design
TT	Target cell
TE	Tetanus
TB	Total bilirubin (from biochemistry profile)
CA	Total calcium
SC	Total calcium (from biochemistry profile)
TC	Total cholesterol
CH	Total cholesterol (from biochemistry profile)
TI	Total iron binding capacity (TIBC)
TP	Total protein (from biochemistry profile)
TX	Toxic granulation
TO	Toxoplasmosis antibody
PX	Transferrin saturation
TG	Triglycerides
TR	Triglycerides (from biochemistry profile)
TY	Tympanometry
UA	Uric acid (from biochemistry profile)
UB	Urinary albumin

CODE	TOPIC
VU	Vacuolated cells
VR	Varicella antibody
VA	Vitamin A
VB	Vitamin B12
VC	Vitamin C
VE	Vitamin E
WC	White blood cell count (WBC)
WW	WISC/WRAT cognitive test

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## GENERAL INFORMATION

The NHANES III Household Adult Questionnaire Data File contains all data collected during the household interviews for adults 17 years and older. Demographic data, survey design variables, and sampling weights for this age group are also included. This first section provides a brief background and information about the contents of the Household Adult Questionnaire Data File. The second section is the Data File Index; a listing of all of the variables with the standard names and their positions in the data set. The third section contains the frequency counts and codes for all of the variables, followed by notes and appendices. References are found in the fourth section.

The data that comprise this file were obtained from three separate interviews administered in the household: the Screener, the Family, and Household Adult questionnaires. The Screener was a brief interview administered to all households within selected sampling units to determine eligibility for participation in the survey. Information obtained from the Screener questionnaire was the basis for the demographic variables, and survey-related variables. The purpose of the Family questionnaire was to obtain data on educational levels, occupation, health insurance coverage, income, and food security of family members, and to record characteristics of the house itself.

The Household Adult questionnaire was administered to the respondent, or in some instances to a proxy respondent. Questions on topics such as conditions, health services usage, dental care, tobacco use and vitamin, mineral and medicine use were asked according to age subgroups. At the end of the interview, the respondents' blood pressure was measured three times. A second set of blood pressure measurements was obtained during the 4-hour physical examination at the mobile examination center (See NHANES III Examination Data File). The interview was completed by 20050 adults aged 17 years and older during the six years of NHANES III.

Interviews were conducted by field staff, in both English and Spanish. All staff received intensive initial training, and formal retraining was conducted throughout the survey to ensure that high skill levels were maintained. The data collection system was automated in Phase 2, at which time interviews were conducted using CAPI (computer-assisted personal interview). Details on survey instruments and forms, training manuals and data collection procedures are published elsewhere (U.S. DHHS, 1996).

Data processing and editing were performed for consistency of responses within sections of the questionnaire sections. Identifiable information including names, addresses, and social security numbers, as well as other administrative items were excluded from the data file in order to ensure confidentiality.

Notes are provided both for standardized and recoded variables, and for variables requiring additional explanation. Hand cards and other diagrams that were used during interviews are located with copies of the survey instruments in the Plan and Operation of the Third National Health and Nutrition Examination Survey (U.S. DHHS, 1996). Users should note that because questions were modified, reordered, added, or deleted, this documentation may not follow the exact ordering of the questions on survey instruments.

Since NHANES III was based on a complex multistage design, appropriate sample weights should be used in analyses to produce national estimates and associated variances. The final interview weights WTPFQX6 should be used for analysis of interview data alone. Some sections of the Household Adult questionnaire were identical to sections of the Household Youth questionnaire (e.g., vitamin, mineral and medicine use) enabling the data to be analyzed together. If interview data are combined with examination, laboratory or dietary data, the total MEC weights (WTPFEX6) or MEC+home weights (WTPFHX6) should be used.

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)		
GENERAL INFORMATION		
Sequence number .....	SEQN	1-5
GENERAL INFORMATION		
Family sequence number .....	DMPFSEQ	6-10
Examination/interview status .....	DMPSTAT	11
Race-ethnicity .....	DMARETHN	12
Race .....	DMARACER	13
Ethnicity .....	DMAETHNR	14
GENERAL INFORMATION		
Sex .....	HSSEX	15
Date of screener: month .....	HSDOIMO	16-17
Age at interview (screener) - qty .....	HSAGEIR	18-19
Age at interview (screener) - unit .....	HSAGEU	20
Age in months at interview (screener) .....	HSAITMOR	21-24
Family size (persons in family) .....	HSFSIZER	25-26
Household size (persons in dwelling) .....	HSHSIZER	27-28
GENERAL INFORMATION		
County code .....	DMPCNTYR	29-31
FIPS code for State .....	DMPFIPSR	32-33
Rural/urban code based on USDA code .....	DMPMETRO	34
Census region, weighting(Texas in south) ....	DMPCREGN	35
Poverty Income Ratio (unimputed income) .....	DMPPIR	36-41
SURVEY DESIGN DATA		
GENERAL INFORMATION		
Phase of NHANES III Survey .....	SDPPHASE	42

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Total NHANES III pseudo-PSU .....	SDPPSU6	43
Total NHANES III pseudo-stratum .....	SDPSTRA6	44-45
Pseudo-PSU for phase 1 .....	SDPPSU1	46
Pseudo-stratum for phase 1 .....	SDPSTRA1	47-48
Pseudo-PSU for phase 2 .....	SDPPSU2	49
Pseudo-stratum for phase 2 .....	SDPSTRA2	50-51
 SAMPLING WEIGHTS		
TOTAL NHANES III (1988-94)		
Total interviewed sample final weight .....	WTPFQX6	52-60
Total MEC examined sample final weight .....	WTPFEX6	61-69
Total M+H examined sample final weight .....	WTPFHX6	70-78
Total allergy subsample final weight .....	WTPFALG6	79-87
Total CNS subsample final weight .....	WTPFCNS6	88-96
Total morning subsample final wgt .....	WTPFSD6	97-105
Total afternoon/eve subsample final wgt .....	WTPFMD6	106-114
Total M+H morning subsample final wgt .....	WTPFHSD6	115-123
Total M+H afternoon subsample final wgt .....	WTPFHMD6	124-132
NHANES III PHASE 1 (1988-91)		
Phase 1 interviewed sample final wgt .....	WTPFQX1	133-141
Phase 1 MEC examined sample final wgt .....	WTPFEX1	142-150
Phase 1 M+H examined sample final wgt .....	WTPFHX1	151-159
Phase 1 allergy subsample final wgt .....	WTPFALG1	160-168
Phase 1 CNS subsample final wgt .....	WTPFCNS1	169-177
Phase 1 morning sess subsample final wgt .....	WTPFSD1	178-186
Phase 1 aft/eve subsample final wgt .....	WTPFMD1	187-195
Phase 1 morning M+H subsample final wgt .....	WTPFHSD1	196-204
Phase 1 aft/eve M+H subsample final wgt .....	WTPFHMD1	205-213
NHANES III PHASE 2 (1991-94)		
Phase 2 interviewed sample final wgt .....	WTPFQX2	214-222

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Phase 2 MEC examined sample final wgt .....	WTPFEX2	223-231
Phase 2 M+H examined sample final wgt .....	WTPFHX2	232-240
Phase 2 allergy subsample final wgt .....	WTPFALG2	241-249
Phase 2 CNS subsample final wgt .....	WTPFCNS2	250-258
Phase 2 morning sess subsample final wgt ....	WTPFSD2	259-267
Phase 2 aft/eve subsample final wgt .....	WTPFMD2	268-276
Phase 2 morning M+H subsample final wgt .....	WTPFHSD2	277-285
Phase 2 aft/eve M+H subsample final wgt .....	WTPFHMD2	286-294

FAY'S BRR REPLICATE INTERVIEW WEIGHTS

TOTAL NHANES III (1988-94)

Replicate 1 final interview weight .....	WTPQRP1	295-303
Replicate 2 final interview weight .....	WTPQRP2	304-312
Replicate 3 final interview weight .....	WTPQRP3	313-321
Replicate 4 final interview weight .....	WTPQRP4	322-330
Replicate 5 final interview weight .....	WTPQRP5	331-339
Replicate 6 final interview weight .....	WTPQRP6	340-348
Replicate 7 final interview weight .....	WTPQRP7	349-357
Replicate 8 final interview weight .....	WTPQRP8	358-366
Replicate 9 final interview weight .....	WTPQRP9	367-375
Replicate 10 final interview weight .....	WTPQRP10	376-384
Replicate 11 final interview weight .....	WTPQRP11	385-393
Replicate 12 final interview weight .....	WTPQRP12	394-402
Replicate 13 final interview weight .....	WTPQRP13	403-411
Replicate 14 final interview weight .....	WTPQRP14	412-420
Replicate 15 final interview weight .....	WTPQRP15	421-429
Replicate 16 final interview weight .....	WTPQRP16	430-438
Replicate 17 final interview weight .....	WTPQRP17	439-447
Replicate 18 final interview weight .....	WTPQRP18	448-456
Replicate 19 final interview weight .....	WTPQRP19	457-465
Replicate 20 final interview weight .....	WTPQRP20	466-474
Replicate 21 final interview weight .....	WTPQRP21	475-483
Replicate 22 final interview weight .....	WTPQRP22	484-492
Replicate 23 final interview weight .....	WTPQRP23	493-501
Replicate 24 final interview weight .....	WTPQRP24	502-510
Replicate 25 final interview weight .....	WTPQRP25	511-519

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 26 final interview weight .....	WTPQRP26	520-528
Replicate 27 final interview weight .....	WTPQRP27	529-537
Replicate 28 final interview weight .....	WTPQRP28	538-546
Replicate 29 final interview weight .....	WTPQRP29	547-555
Replicate 30 final interview weight .....	WTPQRP30	556-564
Replicate 31 final interview weight .....	WTPQRP31	565-573
Replicate 32 final interview weight .....	WTPQRP32	574-582
Replicate 33 final interview weight .....	WTPQRP33	583-591
Replicate 34 final interview weight .....	WTPQRP34	592-600
Replicate 35 final interview weight .....	WTPQRP35	601-609
Replicate 36 final interview weight .....	WTPQRP36	610-618
Replicate 37 final interview weight .....	WTPQRP37	619-627
Replicate 38 final interview weight .....	WTPQRP38	628-636
Replicate 39 final interview weight .....	WTPQRP39	637-645
Replicate 40 final interview weight .....	WTPQRP40	646-654
Replicate 41 final interview weight .....	WTPQRP41	655-663
Replicate 42 final interview weight .....	WTPQRP42	664-672
Replicate 43 final interview weight .....	WTPQRP43	673-681
Replicate 44 final interview weight .....	WTPQRP44	682-690
Replicate 45 final interview weight .....	WTPQRP45	691-699
Replicate 46 final interview weight .....	WTPQRP46	700-708
Replicate 47 final interview weight .....	WTPQRP47	709-717
Replicate 48 final interview weight .....	WTPQRP48	718-726
Replicate 49 final interview weight .....	WTPQRP49	727-735
Replicate 50 final interview weight .....	WTPQRP50	736-744
Replicate 51 final interview weight .....	WTPQRP51	745-753
Replicate 52 final interview weight .....	WTPQRP52	754-762

FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS

TOTAL NHANES III (1988-94)

Replicate 1 final exam weight .....	WTPXRP1	763-771
Replicate 2 final exam weight .....	WTPXRP2	772-780
Replicate 3 final exam weight .....	WTPXRP3	781-789
Replicate 4 final exam weight .....	WTPXRP4	790-798
Replicate 5 final exam weight .....	WTPXRP5	799-807
Replicate 6 final exam weight .....	WTPXRP6	808-816

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 7 final exam weight .....	WTPXRP7	817-825
Replicate 8 final exam weight .....	WTPXRP8	826-834
Replicate 9 final exam weight .....	WTPXRP9	835-843
Replicate 10 final exam weight .....	WTPXRP10	844-852
Replicate 11 final exam weight .....	WTPXRP11	853-861
Replicate 12 final exam weight .....	WTPXRP12	862-870
Replicate 13 final exam weight .....	WTPXRP13	871-879
Replicate 14 final exam weight .....	WTPXRP14	880-888
Replicate 15 final exam weight .....	WTPXRP15	889-897
Replicate 16 final exam weight .....	WTPXRP16	898-906
Replicate 17 final exam weight .....	WTPXRP17	907-915
Replicate 18 final exam weight .....	WTPXRP18	916-924
Replicate 19 final exam weight .....	WTPXRP19	925-933
Replicate 20 final exam weight .....	WTPXRP20	934-942
Replicate 21 final exam weight .....	WTPXRP21	943-951
Replicate 22 final exam weight .....	WTPXRP22	952-960
Replicate 23 final exam weight .....	WTPXRP23	961-969
Replicate 24 final exam weight .....	WTPXRP24	970-978
Replicate 25 final exam weight .....	WTPXRP25	979-987
Replicate 26 final exam weight .....	WTPXRP26	988-996
Replicate 27 final exam weight .....	WTPXRP27	997-1005
Replicate 28 final exam weight .....	WTPXRP28	1006-1014
Replicate 29 final exam weight .....	WTPXRP29	1015-1023
Replicate 30 final exam weight .....	WTPXRP30	1024-1032
Replicate 31 final exam weight .....	WTPXRP31	1033-1041
Replicate 32 final exam weight .....	WTPXRP32	1042-1050
Replicate 33 final exam weight .....	WTPXRP33	1051-1059
Replicate 34 final exam weight .....	WTPXRP34	1060-1068
Replicate 35 final exam weight .....	WTPXRP35	1069-1077
Replicate 36 final exam weight .....	WTPXRP36	1078-1086
Replicate 37 final exam weight .....	WTPXRP37	1087-1095
Replicate 38 final exam weight .....	WTPXRP38	1096-1104
Replicate 39 final exam weight .....	WTPXRP39	1105-1113
Replicate 40 final exam weight .....	WTPXRP40	1114-1122
Replicate 41 final exam weight .....	WTPXRP41	1123-1131
Replicate 42 final exam weight .....	WTPXRP42	1132-1140
Replicate 43 final exam weight .....	WTPXRP43	1141-1149
Replicate 44 final exam weight .....	WTPXRP44	1150-1158
Replicate 45 final exam weight .....	WTPXRP45	1159-1167

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 46 final exam weight .....	WTPXRP46	1168-1176
Replicate 47 final exam weight .....	WTPXRP47	1177-1185
Replicate 48 final exam weight .....	WTPXRP48	1186-1194
Replicate 49 final exam weight .....	WTPXRP49	1195-1203
Replicate 50 final exam weight .....	WTPXRP50	1204-1212
Replicate 51 final exam weight .....	WTPXRP51	1213-1221
Replicate 52 final exam weight .....	WTPXRP52	1222-1230
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)		
GENERAL INFORMATION		
Age in months at youth interview .....	HYAITMO	1231
MEC EXAMINATION		
GENERAL INFORMATION		
Language used by SP in MEC .....	MXPLANG	1232
Session for MEC examination .....	MXPSESSR	1233
Date of MEC exam time in: month .....	MXPTIMO	1234-1235
Day of week of MEC exam .....	MXPTIDW	1236
Age in months at MEC exam .....	MXPAXTMR	1237-1240
HOME EXAMINATION		
GENERAL INFORMATION		
Session for home examination .....	HXPSESSR	1241
Date of home exam: month .....	HXPTIMO	1242-1243
Day of week of home exam .....	HXPTIDW	1244
Age in months at home exam .....	HXPAXTMR	1245-1248
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)		
GENERAL INFORMATION		
Version of household family quex .....	HFVERS	1249

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Family interviewer number .....	HFINTVR	1250-1253
Language of family interview .....	HFLANG	1254

SECTION A. INDIVIDUAL CHARACTERISTICS

State or foreign country of birth .....	HFA6XCR	1255
Highest grade or yr of school completed .....	HFA8R	1256-1257
Marital status .....	HFA12	1258-1259
Military service .....	HFA13	1260

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Any SP covered by Medicare in last month ....	HFB1	1261
Covered by Medicare in last month .....	HFB2	1262
Type of Medicare coverage .....	HFB3	1263
Covered by Medicare last mo for hospital ....	HFB4	1264
Covered by Medicare last mo for doctor .....	HFB5	1265
Any SP covered by Medicaid in last month ....	HFB6	1266
Covered by Medicaid in last month .....	HFB7	1267
Any SP covered by CHAMPUS, etc, last mo .....	HFB8	1268
Covered by CHAMPUS/VA/military last mo .....	HFB9	1269
Any SP cov by other health insur last mo ....	HFB10	1270
Covered by other health insur last month ....	HFB11	1271
Any plan cover any hospital expenses .....	HFB11A	1272
Any plan cover routine doctor's care .....	HFB11B	1273
Any plan cover dental care (phase 2) .....	HFB11C	1274
Any plan from employer or union (phase2) ....	HFB11D	1275
Covered plan pays for operations (ph 1) .....	HFB11E	1276
Refused/limited insur, poor health (ph2) ....	HFB12	1277
Insurance coverage check item .....	HFB13	1278
No insurance: unemployed or related(ph1) ....	HFB14AB	1279
No insur: poor health, illness, age(ph1) ....	HFB14AC	1280
No insurance: can't afford (phase 1) .....	HFB14AD	1281
No insur: dissatisfied w/ previous (ph1) ....	HFB14AE	1282
No insurance: don't believe in (phase 1) ....	HFB14AF	1283
No insurance: healthy, no need (phase 1) ....	HFB14AG	1284
No insurance: some other reason(phase 1) ....	HFB14AI	1285

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Description	Variable Name	Positions
No insur: refused for health reason(ph2) ....	HFB14BA	1286
No insur: not employed,can't afford(ph2) ....	HFB14BB	1287
No insur: not employed,not continue(ph2) ....	HFB14BC	1288
No insur: employer does not offer (ph 2) ....	HFB14BD	1289
No insur:emplyr offers,not eligible(ph2) ....	HFB14BE	1290
No insur:emplyr offers,can't afford(ph2) ....	HFB14BF	1291
No insur:no believe/not get/no need(ph2) ....	HFB14BG	1292
No insurance:some other reason (phase 2) ....	HFB14BH	1293
Main reason not covered (phase 1) .....	HFB16A	1294-1295
Main reason not covered (phase 2) .....	HFB16B	1296-1297
Insurance that pays any dental (phase 1) ....	HFB17	1298

SECTION C. FAMILY BACKGROUND

Age 17+ years check item .....	HFC1	1299
Mother's weight calculated in pounds .....	HFC2S	1300
Mother's height calculated in inches .....	HFC3S	1301
Father's weight calculated in pounds .....	HFC4S	1302
Father's height calculated in inches .....	HFC5S	1303
Parent high blood pres/stroke before 50 .....	HFC6A	1304
Which parent, high blood pres/stroke .....	HFC6A1	1305
Parent heart attack/angina before 50 .....	HFC6B	1306
Which parent, heart attack/angina .....	HFC6B1	1307
Parent high blood cholesterol at any age ....	HFC6C	1308
Which parent, high blood cholesterol .....	HFC6C1	1309
Parent asthma or hay fever at any age .....	HFC6D	1310
Which parent, asthma or hay fever .....	HFC6D1	1311
Parent diabetes at any age .....	HFC6E	1312
Which parent, diabetes .....	HFC6E1	1313
How long at address calculated in weeks .....	HFC7S	1314
How long in city/town/area calc in weeks ....	HFC8S	1315
How many times moved .....	HFC9	1316
Country mother born .....	HFC10	1317
Country father born .....	HFC11	1318

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON

Head of family check item .....	HFD1	1319
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NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Work at job during past 2 weeks .....	HFD2	1320
Had job/business during last 2 weeks .....	HFD3	1321
Looking for work or on layoff .....	HFD4	1322
Which, looking for work or on layoff .....	HFD5	1323
What kind of business or industry .....	HFD9R	1324-1325
What kind of work was person doing .....	HFD10R	1326-1327
Class of worker .....	HFD12	1328-1329

SECTION E. HOUSING CHARACTERISTICS

When house/structure originally built .....	HFE1	1330
How many rooms are in this home .....	HFE2	1331-1332
How long family lived at address - years ....	HFE3	1333-1335
Is home drinking water bottled or tap .....	HFE4	1336
What is source of your home tap water .....	HFE5	1337
Water softening or conditioning system .....	HFE6	1338
Do any pets live in this home .....	HFE7	1339
Pet lives here - a dog .....	HFE8A	1340
Pet lives here - a cat .....	HFE8B	1341
Pet lives here - a bird .....	HFE8C	1342
Pet lives here - a fish .....	HFE8D	1343
Pet lives here - other pet .....	HFE8E	1344
Was forced air heat used in past 12 mo .....	HFE9	1345
Furnace fueled by oil, gas, elect, other ....	HFE10	1346
Was space heater used in past 12 months .....	HFE11	1347
Space htr fueled by elect, oil,gas,other ....	HFE12	1348-1349
Was wood stove used in past 12 months .....	HFE13	1350
Was fireplace used in past 12 months .....	HFE14	1351
Is gas stove or oven used for cooking .....	HFE15	1352
Is exhaust fan near this stove .....	HFE16	1353
How often is exhaust fan used .....	HFE17	1354
Was stove/oven used to heat, past 12 mo .....	HFE18	1355

SECTION F. FAMILY CHARACTERISTICS

Anyone living here smoke cigs in home .....	HFF1	1356
# persons who smoke cigarettes in home .....	HFF2R	1357-1358

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Description	Variable Name	Positions
Cigarettes per day person 1 smokes .....	HFF3A	1359-1361
Cigarettes per day person 2 smokes .....	HFF3B	1362-1364
Cigarettes per day person 3 smokes .....	HFF3C	1365-1367
Cigarettes per day person 4 smokes .....	HFF3D	1368-1370
Cigarettes per day person 5 smokes .....	HFF3E	1371-1373
Cigarettes per day person 6 smokes .....	HFF3F	1374-1376
Do you have enough food to eat .....	HFF4	1377
# days had no food/money in past month .....	HFF5	1378-1379
Reason no food: transportation problems .....	HFF6A	1380
Reason no food: no working appliances .....	HFF6B	1381
Reason no food: no money/food stamps/WIC .....	HFF6C	1382
Reason no food: other reason .....	HFF6D	1383
Cut meal size, no money/food, past month .....	HFF7	1384
Cut child's meal size, no money, past mo .....	HFF8	1385
Any receive benefits from WIC in last mo .....	HFF9	1386
Any receive food stamps in last 12 month .....	HFF10	1387
Any receive food stamps at present time .....	HFF11	1388
Any receive employment income, last month .....	HFF12A	1389
Receive employment income in last month .....	HFF12B	1390
Anyone receive SS/RR pay in last month .....	HFF13A	1391
Receive SS/RR pay in last month .....	HFF13B	1392
Reason getting SS/RR (phase 1) .....	HFF13DA	1393
Reason getting SS/RR (phase 2) .....	HFF13DB	1394-1395
Another reason getting SS (phase 1) .....	HFF13E	1396
Any receive SSI pay, Federal, last month .....	HFF14A	1397
Receive SSI pay, Federal, in last month .....	HFF14B	1398
Recv separate SSI, welfare, past 4 mo(ph1) .....	HFF14D	1399
Any receive other pension/disabl, last mo .....	HFF15A	1400
Receive other pension/disability, last mo .....	HFF15B	1401
Any receive public asst/welfare, last mo .....	HFF16A	1402
Receive public assist/welfare, last mo .....	HFF16B	1403
Anyone receive AFDC/ADC in last month .....	HFF16D	1404
Receive AFDC/ADC in last month .....	HFF16E	1405
Anyone receive other income, last month .....	HFF17A	1406
Receive other income in last month .....	HFF17B	1407
Total family 12 month income < \$20,000 .....	HFF18	1408
Total family 12 month income group (ph1) .....	HFF19R	1409-1410
Total family income, last mo, group(ph1) .....	HFF20R	1411-1412

DATA FOR FAMILY REFERENCE PERSON

Family reference person sequence number .....	HFFHSEQN	1413-1417
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NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Family reference person age - years .....	HFHAGER	1418-1420
Family reference person sex .....	HFHSEX	1421
Family reference person birthplace .....	HFHFIPCR	1422
Family refer person high grade completed ....	HFHEDUCR	1423-1424
Family refer person employed, past 2 wks ....	HFHEMPL	1425
Family reference person marital status .....	HFHMRST	1426-1427
Family reference person military service ....	HFHMLSV	1428

DATA FOR RESPONDENT TO FAMILY QUESTIONNAIRE

Respondent relationship to refer person .....	HFRELRL	1429-1430
Respondent age in years .....	HFAGERR	1431-1433

HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)

GENERAL INFORMATION

Phase and questionnaire version .....	HAAVERS	1434
Interviewer number .....	HAINTVR	1435-1438
Language of interview .....	HALANG	1439

SECTION A. ORIENTATION

Did SP receive introductory letter .....	HAA1	1440
Did SP hear about survey any other way .....	HAA2	1441
Other way heard about the survey .....	HAA2A	1442-1443
Check Item. Refer to age of SP .....	HAA3	1444
What is today's date .....	HAA4	1445
What is the day of the week .....	HAA5	1446
What is your complete address: street .....	HAA6A	1447
What is your complete address: city/town ....	HAA6B	1448
What is your complete address: state .....	HAA6C	1449
What is your complete address: zip code .....	HAA6D	1450

SECTION B. HEALTH SERVICES

Is health in general excellent,...,poor .....	HAB1	1451
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Description	Variable Name	Positions
Go to particular place for health care .....	HAB2	1452
Is there one particular doctor you see .....	HAB3	1453
Past 12 mos, # times stayed in hospital .....	HAB4	1454-1455
Past 12 months, # times saw doctor .....	HAB5	1456-1458
How long since saw doctor, etc - months .....	HAB6S	1459-1462
Past 12 mos, # times in nursing home .....	HAB7	1463-1464

SECTION C. SELECTED CONDITIONS

Doctor ever told you had: arthritis .....	HAC1A	1465
Type arthritis:rheumatoid,osteoarthritis ....	HAC1B	1466
Doctor told: congestive heart failure .....	HAC1C	1467
Doctor ever told you had: stroke .....	HAC1D	1468
Doctor ever told you had: asthma .....	HAC1E	1469
Doctor ever told had: chronic bronchitis ....	HAC1F	1470
Doctor ever told you had: emphysema .....	HAC1G	1471
Doctor ever told you had: hay fever .....	HAC1H	1472
Doctor ever told you had: cataracts .....	HAC1I	1473
Doctor ever told you had: goiter .....	HAC1J	1474
Doctor ever told you had:thyroid disease ....	HAC1K	1475
Doctor ever told you had: lupus .....	HAC1L	1476
Doctor ever told you had: gout .....	HAC1M	1477
Doctor ever told you had: skin cancer .....	HAC1N	1478
Doctor ever told you had: other cancer .....	HAC1O	1479
Do you still have asthma .....	HAC2E	1480
Do you still have bronchitis .....	HAC2F	1481
Do you still have hay fever .....	HAC2H	1482
Do you still have goiter .....	HAC2J	1483
Do you still have thyroid disease .....	HAC2K	1484
Age when first told you had arth -- yrs .....	HAC3AR	1485-1487
Age 1st told had cong heart fail -- yrs .....	HAC3CR	1488-1490
Age when 1st told you had stroke -- yrs .....	HAC3DR	1491-1493
Age when 1st told you had asthma -- yrs .....	HAC3ER	1494-1496
Age when 1st told you had bronch -- yrs .....	HAC3FR	1497-1499
Age when first told you had emph -- yrs .....	HAC3GR	1500-1502
Age when 1st told you had hay fev -- yrs ....	HAC3HR	1503-1505
Age when 1st told you had catar -- yrs .....	HAC3IR	1506-1508
Age when 1st told you had goiter -- yrs .....	HAC3JR	1509-1511

NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Age 1st told had other thyr dis -- yrs .....	HAC3KR	1512-1514
Age when first told you had lupus -- yrs ....	HAC3LR	1515-1517
Age when first told you had gout -- yrs .....	HAC3MR	1518-1520
Age when 1st told had skin cancer -- yrs ....	HAC3NR	1521-1523
Age when 1st told had other cancr -- yrs ....	HAC3OR	1524-1526
Where was cancer located when first told ....	HAC3OS	1527-1528
Doctor told relatives they had diabetes .....	HAC4A	1529
Any relatives had heart attack before 50 ....	HAC4B	1530
Did grandmother have diabetes .....	HAC5A1	1531
Did grandfather have diabetes .....	HAC5A2	1532
Did mother have diabetes .....	HAC5A3	1533
Did father have diabetes .....	HAC5A4	1534
Did sister have diabetes .....	HAC5A5	1535
Did brother have diabetes .....	HAC5A6	1536
Did aunt have diabetes .....	HAC5A7	1537
Did uncle have diabetes .....	HAC5A8	1538
Did cousin have diabetes .....	HAC5A9	1539
Did son have diabetes .....	HAC5A10	1540
Did daughter have diabetes .....	HAC5A11	1541
Did other relative have diabetes .....	HAC5A12	1542
Did grandmother have heart attack .....	HAC5B1	1543
Did grandfather have heart attack .....	HAC5B2	1544
Did mother have heart attack .....	HAC5B3	1545
Did father have heart attack .....	HAC5B4	1546
Did sister have heart attack .....	HAC5B5	1547
Did brother have heart attack .....	HAC5B6	1548
Did aunt have heart attack .....	HAC5B7	1549
Did uncle have heart attack .....	HAC5B8	1550
Did cousin have heart attack .....	HAC5B9	1551
Did son have heart attack .....	HAC5B10	1552
Did daughter have heart attack .....	HAC5B11	1553
Did other relative have heart attack .....	HAC5B12	1554
Doctor told mother she had osteoporosis .....	HAC6	1555
Did your bio mother ever fracture hip .....	HAC7	1556
How many times mother fractured hip .....	HAC7A	1557
Age of mother at first hip fracture .....	HAC8	1558-1560

SECTION D. DIABETES

Ever been told you have sugar/diabetes .....	HAD1	1561
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NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Check item. Refer to sex of SP .....	HAD2	1562
Were you pregnant when told had diabetes ....	HAD3	1563
Other than pregnant, doctor told diabetes ....	HAD4	1564
Age first told you had diabetes -- yrs .....	HAD5R	1565-1567
Are you now taking insulin .....	HAD6	1568
How often you take insulin - times/week .....	HAD7S	1569-1570
On average, how many units per day taken ....	HAD8	1571-1573
How long have you taken insulin - months ....	HAD9S	1574-1577
Are you now taking diabetes pills .....	HAD10	1578
How often check urine for sugar-times/mo ....	HAD11AS	1579-1581
How often check blood for sugar-times/mo ....	HAD11BS	1582-1584
# days since last eye exam by doctor .....	HAD12S	1585-1589
# days since eye exam w/ pupils dilated ....	HAD13S	1590-1594
Ever had photographs taken of retina .....	HAD14	1595
Ever told diabetes affected your eyes .....	HAD15	1596

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL

How long since doctor took blood press .....	HAE1	1597
Doctor ever told had hypertension/HBP .....	HAE2	1598
Told 2+ times you had hypertension/HBP .....	HAE3	1599
Doctor told take prescribed med for HBP .....	HAE4A	1600
Doctor told control/lose weight for HBP .....	HAE4B	1601
Doctor told cut salt intake for HBP .....	HAE4C	1602
Doctor told do anything else for HBP .....	HAE4D	1603
Doctor told exercise more for HBP .....	HAE4D1	1604
Doctor told restrict alcohol for HBP .....	HAE4D2	1605
Doctor told stop smoking for HBP .....	HAE4D3	1606
Doctor told reduce tension for HBP .....	HAE4D4	1607
Doctor told change diet for HBP .....	HAE4D5	1608
Doctor told make other changes for HBP .....	HAE4D6	1609
Now taking prescribed medicine for HBP .....	HAE5A	1610
Now controlling or losing weight for HBP ....	HAE5B	1611
Now using less salt or sodium for HBP .....	HAE5C	1612
Now exercising for high blood pressure .....	HAE5D1	1613
Now restricting alcohol for HBP .....	HAE5D2	1614
Now quit smoking for high blood pressure ....	HAE5D3	1615
Now reduced tension for HBP .....	HAE5D4	1616

NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Now made diet changes for HBP .....	HAE5D5	1617
Now made other changes for HBP .....	HAE5D6	1618
Ever had blood cholesterol checked .....	HAE6	1619
Doctor told blood cholesterol level high ....	HAE7	1620
Doctor told eat less fat for HBC .....	HAE8A	1621
Doctor told lose weight for HBC .....	HAE8B	1622
Doctor told exercise for HBC .....	HAE8C	1623
Doctor told take medicine for HBC .....	HAE8D	1624
Now eat less high fat foods for HBC .....	HAE9A	1625
Now losing weight to lower cholesterol .....	HAE9B	1626
Now exercising to lower cholesterol .....	HAE9C	1627
Take prescribed med to lower cholesterol ....	HAE9D	1628
Check item. Mark first applicable box .....	HAE10	1629
On own for HBC, eat fewer high fat foods ....	HAE11A	1630
On own for HBC, controlled/lost weight .....	HAE11B	1631
On own for HBC, exercise more .....	HAE11C	1632

SECTION F. CARDIOVASCULAR DISEASE

Ever had any pain or discomfort in chest ....	HAF1	1633
Get chest pain when walk uphill or hurry ....	HAF2	1634
Get chest pain if walk at ordinary pace .....	HAF3	1635
What do if get chest pain while walking .....	HAF4	1636
If stand still is chest pain relieved .....	HAF5	1637
How soon is the chest pain relieved .....	HAF6	1638
Where is pain/discomfort located -area 1 ....	HAF7A	1639
Where is pain/discomfort located -area 2 ....	HAF7B	1640
Where is pain/discomfort located -area 3 ....	HAF7C	1641
Where is pain/discomfort located -area 4 ....	HAF7D	1642
Where is pain/discomfort located -area 5 ....	HAF7E	1643
Where is pain/discomfort located -area 6 ....	HAF7F	1644
Where is pain/discomfort located -area 7 ....	HAF7G	1645
Where is pain/discomfort located -area 8 ....	HAF7H	1646
Ever had severe chest pain for half hr + ....	HAF9	1647
Doctor ever told you had a heart attack .....	HAF10	1648
How many heart attacks have you had .....	HAF11	1649-1650
Age when you had 1st heart attack -- yrs ....	HAF12R	1651-1653
Age when had last heart attack -- yrs .....	HAF13R	1654-1656

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Description	Variable Name	Positions
Get pain in either leg while walking .....	HAF14	1657
Leg pain begin while stand still/sitting ....	HAF15	1658
In what part of leg do you feel it .....	HAF16	1659
Get leg pain when walk uphill or hurry .....	HAF17	1660
Get leg pain,walk at ordinary pace,level ....	HAF18	1661
Leg pain ever disappear while walking .....	HAF19	1662
If leg pain: stop walking or continue .....	HAF20	1663
Is leg pain relieved if you stand still .....	HAF21	1664
How soon is leg pain relieved .....	HAF22	1665
Weak/paralysis on face,arm,leg for >5min ....	HAF23	1666
Numbness etc,1 side face/body for >5 min ....	HAF24	1667
Loss of vision in 1/both eyes for >5 min ....	HAF25	1668
Severe dizziness for more than 5 minutes ....	HAF26	1669
Problem with ability to speak/understand ....	HAF27	1670

SECTION G. MUSCULOSKELETAL CONDITIONS

Check item. Refer to age of SP .....	HAG1	1671
Ever had back pain most days for 1+ mo .....	HAG2	1672
Have you had back pain in past 12 months ....	HAG3	1673
What part of back is pain - area 1 .....	HAG4A	1674
What part of back is pain - area 2 .....	HAG4B	1675
What part of back is pain - area 3 .....	HAG4C	1676
Doctor told you had broken/fractured hip ....	HAG5A	1677
Doctor told had broken/fractured wrist .....	HAG5B	1678
Doctor told had broken/fractured spine .....	HAG5C	1679
Number of times you fractured your hip .....	HAG6A	1680-1681
Number of times fractured your wrist .....	HAG6B	1682-1683
Number of times fractured your spine .....	HAG6C	1684-1685
Check item. Refer to G5 .....	HAG7	1686
Site of fracture 1 .....	HAG8A	1687
Site of fracture 2 .....	HAG8B	1688
Site of fracture 3 .....	HAG8C	1689
Site of fracture 4 .....	HAG8D	1690
Site of fracture 5 .....	HAG8E	1691
Site of fracture 6 .....	HAG8F	1692
Age when fractured ...- 1st time -- yrs .....	HAG9AR	1693-1695
Age when fractured ...- 2nd time -- yrs .....	HAG9BR	1696-1698

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Age when fractured ...- 3rd time -- yrs .....	HAG9CR	1699-1701
Age when fractured ...- 4th time -- yrs .....	HAG9DR	1702-1704
Age when fractured ...- 5th time -- yrs .....	HAG9ER	1705-1707
Age when fractured ...- 6th time -- yrs .....	HAG9FR	1708-1710
Fracture 1: low/hi fall or severe trauma ....	HAG10A	1711
Fracture 2: low/hi fall or severe trauma ....	HAG10B	1712
Fracture 3: low/hi fall or severe trauma ....	HAG10C	1713
Fracture 4: low/hi fall or severe trauma ....	HAG10D	1714
Fracture 5: low/hi fall or severe trauma ....	HAG10E	1715
Fracture 6: low/hi fall or severe trauma ....	HAG10F	1716
Doctor ever told you had osteoporosis .....	HAG11	1717
Were you treated for osteoporosis .....	HAG12	1718
Check item. Refer to age of SP .....	HAG13	1719
# times fall on floor/object past 12 mo .....	HAG14	1720-1721
Fall cause broken bone, injury, med care ....	HAG15	1722
Ever had hand pain most days for 6+ wks .....	HAG16	1723
Pain, stiff right hand, joint 1 .....	HAG17A	1724
Pain, stiff right hand, joint 2 .....	HAG17B	1725
Pain, stiff right hand, joint 3 .....	HAG17C	1726
Pain, stiff right hand, joint 4 .....	HAG17D	1727
Pain, stiff right hand, joint 5 .....	HAG17E	1728
Pain, stiff right hand, joint 6 .....	HAG17F	1729
Pain, stiff right hand, joint 7 .....	HAG17G	1730
Pain, stiff right hand, joint 8 .....	HAG17H	1731
Pain, stiff right hand, joint 9 .....	HAG17I	1732
Pain, stiff right hand, joint 10 .....	HAG17J	1733
Pain, stiff right hand, joint 11 .....	HAG17K	1734
Pain, stiff right hand, joint 12 .....	HAG17L	1735
Pain, stiff right hand, joint 13 .....	HAG17M	1736
Pain, stiff right hand, joint 14 .....	HAG17N	1737
Pain, stiff right hand, joint 15 .....	HAG17O	1738
Pain, stiff right hand, joint 32 .....	HAG17FF	1739
Pain, stiff left hand, joint 16 .....	HAG17P	1740
Pain, stiff left hand, joint 17 .....	HAG17Q	1741
Pain, stiff left hand, joint 18 .....	HAG17R	1742
Pain, stiff left hand, joint 19 .....	HAG17S	1743
Pain, stiff left hand, joint 20 .....	HAG17T	1744
Pain, stiff left hand, joint 21 .....	HAG17U	1745
Pain, stiff left hand, joint 22 .....	HAG17V	1746

NHANES III Household Adult Data File Index  
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Description	Variable Name	Positions
Pain, stiff left hand, joint 23 .....	HAG17W	1747
Pain, stiff left hand, joint 24 .....	HAG17X	1748
Pain, stiff left hand, joint 25 .....	HAG17Y	1749
Pain, stiff left hand, joint 26 .....	HAG17Z	1750
Pain, stiff left hand, joint 27 .....	HAG17AA	1751
Pain, stiff left hand, joint 28 .....	HAG17BB	1752
Pain, stiff left hand, joint 29 .....	HAG17CC	1753
Pain, stiff left hand, joint 30 .....	HAG17DD	1754
Pain, stiff left hand, joint 31 .....	HAG17EE	1755
Swelling in hands...most days for 6+ wks ....	HAG18	1756
Swelling in right hand, joint 1 .....	HAG19A	1757
Swelling in right hand, joint 2 .....	HAG19B	1758
Swelling in right hand, joint 3 .....	HAG19C	1759
Swelling in right hand, joint 4 .....	HAG19D	1760
Swelling in right hand, joint 5 .....	HAG19E	1761
Swelling in right hand, joint 6 .....	HAG19F	1762
Swelling in right hand, joint 7 .....	HAG19G	1763
Swelling in right hand, joint 8 .....	HAG19H	1764
Swelling in right hand, joint 9 .....	HAG19I	1765
Swelling in right hand, joint 10 .....	HAG19J	1766
Swelling in right hand, joint 11 .....	HAG19K	1767
Swelling in right hand, joint 12 .....	HAG19L	1768
Swelling in right hand, joint 13 .....	HAG19M	1769
Swelling in right hand, joint 14 .....	HAG19N	1770
Swelling in right hand, joint 15 .....	HAG19O	1771
Swelling in right hand, joint 32 .....	HAG19FF	1772
Swelling in left hand, joint 16 .....	HAG19P	1773
Swelling in left hand, joint 17 .....	HAG19Q	1774
Swelling in left hand, joint 18 .....	HAG19R	1775
Swelling in left hand, joint 19 .....	HAG19S	1776
Swelling in left hand, joint 20 .....	HAG19T	1777
Swelling in left hand, joint 21 .....	HAG19U	1778
Swelling in left hand, joint 22 .....	HAG19V	1779
Swelling in left hand, joint 23 .....	HAG19W	1780
Swelling in left hand, joint 24 .....	HAG19X	1781
Swelling in left hand, joint 25 .....	HAG19Y	1782
Swelling in left hand, joint 26 .....	HAG19Z	1783
Swelling in left hand, joint 27 .....	HAG19AA	1784
Swelling in left hand, joint 28 .....	HAG19BB	1785

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Description	Variable Name	Positions
Swelling in left hand, joint 29 .....	HAG19CC	1786
Swelling in left hand, joint 30 .....	HAG19DD	1787
Swelling in left hand, joint 31 .....	HAG19EE	1788
Stiff hands in morn most days for 6+ wks ....	HAG20	1789
How long does morning stiffness last .....	HAG21	1790
Ever have knee pain most days for 6+ wks ....	HAG22	1791
Have pain in right, left, or both knees .....	HAG23	1792
Does knee hurt at rest as well as moving ....	HAG24	1793
Swelling in knees...most days for 6+ wks ....	HAG25	1794
Swelling in right, left, or both knees .....	HAG26	1795
Stiff knees in morn most days for 6+ wks ....	HAG27	1796
Stiffness in right, left, or both knees .....	HAG28	1797
How long morning knee stiffness last .....	HAG29	1798
Ever had hip pain most days for 6+ weeks ....	HAG30	1799
Have pain in right, left, or both hips .....	HAG31	1800
Doctor ever told you had hip dysplasia .....	HAG32	1801
Doctor ever told you had scoliosis .....	HAG33	1802
Do you have chronic limp (lasted >3 mo) .....	HAG34	1803

SECTION H. PHYSICAL FUNCTIONING

Difficulty walking a quarter of a mile .....	HAH1	1804
Difficulty walking 10 steps without rest ....	HAH2	1805
Difficulty stooping, crouching, kneeling ....	HAH3	1806
Difficulty lifting or carrying 10 pounds ....	HAH4	1807
Difficulty doing chores around the house ....	HAH5	1808
Difficulty preparing own meals .....	HAH6	1809
Difficulty managing your money .....	HAH7	1810
Difficulty walking room to room, 1 level ....	HAH8	1811
Difficulty standing from armless chair .....	HAH9	1812
Difficulty getting in or out of bed .....	HAH10	1813
Difficulty eating .....	HAH11	1814
Difficulty dressing yourself .....	HAH12	1815
Need help with personal care needs .....	HAH13	1816
Need help in handling routine needs .....	HAH14	1817
Use device to help get around: cane, etc ....	HAH15	1818
Do you use any special eating utensils .....	HAH16	1819
Use aids or devices to help you dress .....	HAH17	1820

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

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Description	Variable Name	Positions
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SECTION J. GALLBLADDER DISEASE

Check item. Refer to age of SP .....	H AJ0	1821
Pain in area in diagram in past 12 mo .....	H AJ1	1822
Most uncomfortable pain located - area 1 ....	H AJ2A	1823
Most uncomfortable pain located - area 2 ....	H AJ2B	1824
Most uncomfortable pain located - area 3 ....	H AJ2C	1825
Past 12 mo, longest episode of pain -min ....	H AJ3S	1826-1831
How many days had pain in past 12 months ....	H AJ4	1832-1834
Was pain continuous or did come and go .....	H AJ5	1835
If moved around, hurt more/less/no differ ....	H AJ6	1836
Ever seen doctor about this pain .....	H AJ7	1837
What did the doctor say caused the pain .....	H AJ8	1838-1839
Doctor ever told you had gallstones .....	H AJ9	1840
Reason visit doctor when told gallstones ....	H AJ10	1841-1842
Gallstone medical treatment, not surgery ....	H AJ11	1843
Have you ever had gallbladder surgery .....	H AJ12	1844
Age when you had gallbladder surgery .....	H AJ13	1845-1847
Check item. Refer to J8, J10, and J12 .....	H AJ14	1848
Pain continue after gallbladder surgery .....	H AJ15	1849
Doctor ever told you had gallstones .....	H AJ16	1850
Have you ever had gallbladder surgery .....	H AJ17	1851
Age when had gallbladder surgery -- yrs .....	H AJ18R	1852-1854

SECTION K. KIDNEY CONDITIONS

Have you ever had kidney stones .....	H AK1	1855
How many times you passed a kidney stone ....	H AK2	1856-1857
Ever had medication for kidney stones .....	H AK3A	1858
Age had first kidney stone medication .....	H AK3A1	1859-1861
Ever had lithotripsy for kidney stones .....	H AK3B	1862
Age you had first lithotripsy-recode .....	H AK3B1R	1863-1865
Ever had surgery to remove kidney stones ....	H AK3C	1866
Age 1st surgery for kidney stones-recode ....	H AK3C1R	1867-1869
# times had bladder infection .....	H AK4	1870
# of bladder infections in past 12 mos .....	H AK5	1871-1872

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Description	Variable Name	Positions
Symptoms of bladder infection for >3 mo .....	HAK6	1873
Interstitial cystitis or painful bladder ....	HAK7	1874
Age 1st had inter.cystitis/painful blad. ....	HAK8	1875-1877
# times per night you get up to urinate .....	HAK9	1878
When urinate,feel like bladder not empty ....	HAK10	1879
Usually have trouble starting to urinate ....	HAK11	1880
Check item. Refer to sex and age of SP .....	HAK12	1881
Has urinary stream decreased over years .....	HAK13	1882
Ever had non-cancer prostate surgery .....	HAK14	1883

SECTION L. RESPIRATORY AND ALLERGY

Cough most days, 3+ consecutive mo in yr ....	HAL1	1884
How many years have you had this cough .....	HAL2	1885-1887
Bring up phlegm, 3+ consecutive mo in yr ....	HAL3	1888
How many years had trouble with phlegm .....	HAL4	1889-1891
Shortness of breath, hurry/walk up hill .....	HAL5	1892
Had wheezing,whistle in chest past 12 mo ....	HAL6	1893
# episodes,wheezing/whistling past 12 mo ....	HAL7	1894-1896
# times in hospital, wheezing, past 12mo ....	HAL8	1897-1899
# times to doctor/ER, wheezing,past 12mo ....	HAL9	1900-1902
No cold but chest sounds wheezy/whistles ....	HAL10	1903
Stuffy, itchy, or runny nose, past 12 mo ....	HAL11A	1904
Watery, itchy eyes in past 12 months .....	HAL11B	1905
# episodes itchy...nose/eyes, past 12 mo ....	HAL12	1906-1908
Check item. Refer to L6 - L11 .....	HAL13	1909
Symptoms brought on by:exercise/cold air ....	HAL14A	1910
Symptoms brought on by: animals .....	HAL14B	1911
Symptoms brought on by: house dust .....	HAL14C	1912
Symptoms brought on by: work environment ....	HAL14D	1913
Symptoms brought on by: pollen .....	HAL14E	1914
Month pollen symptoms worse: all months .....	HAL15A	1915
Month pollen symptoms worse: January .....	HAL15B	1916
Month pollen symptoms worse: February .....	HAL15C	1917
Month pollen symptoms worse: March .....	HAL15D	1918
Month pollen symptoms worse: April .....	HAL15E	1919
Month pollen symptoms worse: May .....	HAL15F	1920
Month pollen symptoms worse: June .....	HAL15G	1921

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Description	Variable Name	Positions
Month pollen symptoms worse: July .....	HAL15H	1922
Month pollen symptoms worse: August .....	HAL15I	1923
Month pollen symptoms worse: September .....	HAL15J	1924
Month pollen symptoms worse: October .....	HAL15K	1925
Month pollen symptoms worse: November .....	HAL15L	1926
Month pollen symptoms worse: December .....	HAL15M	1927
Severe reaction from insect sting .....	HAL16A	1928
Severe reaction < one hour after eating .....	HAL16B	1929
Severe reaction after allergy shot/test .....	HAL17	1930
Ever give up/avoid pet due to allergies .....	HAL18	1931
In past 12 months had: cold or flu .....	HAL19A	1932
In past 12 mo had: sinusitis/sinus prob .....	HAL19B	1933
In past 12 months had: pneumonia .....	HAL19C	1934
# episodes in past 12 month: cold or flu ....	HAL20A	1935-1937
# episodes in past 12 months: sinusitis .....	HAL20B	1938-1940
# episodes in past 12 months: pneumonia .....	HAL20C	1941-1943

SECTION M. DIET

Check item. Refer to age of SP .....	HAM1	1944
Receive meals from senior program .....	HAM2	1945
Are senior meals delivered to your home .....	HAM3	1946
How often do you eat breakfast .....	HAM4	1947
How tall are you without shoes - inches .....	HAM5S	1948-1950
How much do you weigh w/out clothes -lbs ....	HAM6S	1951-1953
Check item. Refer to age of SP .....	HAM7	1954
How much did you weigh 10 years ago -lbs ....	HAM8S	1955-1957
How much did you weigh at age 25 - lbs .....	HAM9S	1958-1960
Up to present time,most ever weighed-lbs ....	HAM10S	1961-1963
Consider self over/under/right weight .....	HAM11	1964
Would you like to weigh more,less,same .....	HAM12	1965
Tried to lose weight in past 12 months .....	HAM13	1966
Past 12 mo, changed what eat, med reason ....	HAM14	1967
Medical reason to change eating: obesity ....	HAM15A	1968
Medical reason to change eating: high BP ....	HAM15B	1969
Med reason to change eating: cholesterol ....	HAM15C	1970
Medical reason to change eating:diabetes ....	HAM15D	1971
Med reason change eating: heart disease .....	HAM15E	1972

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Description	Variable Name	Positions
Medical reason to change eating: allergy ....	HAM15F	1973
Medical reason to change eating: ulcer .....	HAM15G	1974
Med reason to change eating:other reason ....	HAM15H	1975
Med reason to change eating: pregnancy .....	HAM15K	1976
Med reason to change eating: arthritis .....	HAM15L	1977
Med reason to change eating: back pain .....	HAM15M	1978
Med reason change eating:stomach/gastric ....	HAM15N	1979
Med reason change eating: cancer/tumors .....	HAM15O	1980
Med reason change eat: dental/oral probs ....	HAM15P	1981
Med reason to change eating:constipation ....	HAM15Q	1982
Med reason change eat: gallstone/bladder ....	HAM15R	1983
Med reason change eat: intestinal probs .....	HAM15S	1984
Medical reason to change eating: hernia .....	HAM15T	1985
Medical reason to change eating: anemia .....	HAM15U	1986
Medical reason to change eating: stroke .....	HAM15V	1987
Med reason change eating: psychological .....	HAM15W	1988
Med to change eating:infections/viruses .....	HAM15X	1989
Medical reason to change eating: dietary ....	HAM15Y	1990
Med reason to change eat: general health ....	HAM15Z	1991

SECTION N. FOOD FREQUENCY

Chocolate milk and hot cocoa - times/mo .....	HAN1AS	1992-1994
Milk to drink or on cereal - times/month ....	HAN1BS	1995-1998
Question 1a check item, used in skip .....	HAN1C	1999
What type of milk - whole, 2%, 1%, skim .....	HAN1D	2000-2001
Yogurt and frozen yogurt - times/month .....	HAN1ES	2002-2004
Ice cream,ice milk,milkshakes - times/mo ....	HAN1FS	2005-2007
Cheese, all types - times/month .....	HAN1GS	2008-2010
Pizza, calzone, lasagna - times/month .....	HAN1HS	2011-2013
Cheese dishes - times/month .....	HAN1IS	2014-2016
Stew or soup with vegetables - times/mo .....	HAN2AS	2017-2019
Spaghetti/pasta w/ tomato sauce-times/mo ....	HAN2BS	2020-2022
Bacon/sausage/processed meats - times/mo ....	HAN2CS	2023-2026
Liver and other organ meats - times/mo .....	HAN2DS	2027-2029
Beef - times/month .....	HAN2ES	2030-2032
Pork and ham - times/month .....	HAN2FS	2033-2035
Shrimp, clams, etc - times/mo .....	HAN2GS	2036-2038

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Description	Variable Name	Positions
Fish - times/month .....	HAN2HS	2039-2041
Chicken and turkey - times/month .....	HAN2IS	2042-2044
Eggs - times/month .....	HAN2JS	2045-2047
Orange juice, etc - times/month .....	HAN3AS	2048-2050
Other fruit juices - times/month .....	HAN3BS	2051-2053
Citrus fruits - times/month .....	HAN3CS	2054-2056
Melons - times/month .....	HAN3DS	2057-2059
Peaches, nectarines, etc - times/month .....	HAN3ES	2060-2062
Any other fruits - times/month .....	HAN3FS	2063-2065
Carrots - times/month .....	HAN4AS	2066-2068
Broccoli - times/month .....	HAN4BS	2069-2071
Brussel sprouts/cauliflower - times/mo .....	HAN4CS	2072-2074
White potatoes - times/month .....	HAN4DS	2075-2077
Sweet potatoes, yams, etc - times/month .....	HAN4ES	2078-2080
Tomatoes - times/month .....	HAN4FS	2081-2083
Spinach, greens, etc - times/month .....	HAN4GS	2084-2086
Tossed salad - times/month .....	HAN4HS	2087-2089
Cabbage, cole slaw, sauerkraut-times/mo .....	HAN4IS	2090-2092
Hot red chili peppers - times/month .....	HAN4JS	2093-2095
Other peppers - times/month .....	HAN4KS	2096-2098
Any other vegetables - times/month .....	HAN4LS	2099-2101
Beans, lentils, chickpeas - times/month .....	HAN5AS	2102-2104
Peanuts, peanut butter, etc - times/mo .....	HAN5BS	2105-2107
Cereals: All-Bran, etc - times/month .....	HAN5CS	2108-2110
Cereals: Total, etc - times/month .....	HAN5DS	2111-2113
All other cold cereals - times/month .....	HAN5ES	2114-2116
Cooked, hot cereals - times/month .....	HAN5FS	2117-2119
White bread, rolls, etc - times/month .....	HAN5GS	2120-2122
Dark breads and rolls - times/month .....	HAN5HS	2123-2125
Corn bread, muffins, tortillas-times/mo .....	HAN5IS	2126-2128
Flour tortillas - times/month .....	HAN5JS	2129-2131
Rice - times/month .....	HAN5KS	2132-2134
Salted snacks - times/month .....	HAN5LS	2135-2137
Cakes, cookies, brownies, etc - times/mo .....	HAN6AS	2138-2141
Chocolate candy and fudge - times/month .....	HAN6BS	2142-2144
Hi-C, Tang, Koolaid, etc - times/month .....	HAN6CS	2145-2148
Diet colas, diet sodas, etc - times/mo .....	HAN6DS	2149-2151
Regular colas and sodas - times/month .....	HAN6ES	2152-2155
Regular coffee - times/month .....	HAN6FS	2156-2159

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Description	Variable Name	Positions
Regular tea - times/month .....	HAN6GS	2160-2163
Beer and lite beer - times/month .....	HAN6HS	2164-2166
Wine, etc - times/month .....	HAN6IS	2167-2169
Hard liquor - times/month .....	HAN6JS	2170-2172
Margarine - times/month .....	HAN7AS	2173-2175
Butter - times/month .....	HAN7BS	2176-2178
Oil/vinegar, mayonnaise, etc - times/mo .....	HAN7CS	2179-2181
Have I missed any foods/bev? .....	HAN8	2182
1st other food or beverage - specified .....	HAN8ACD	2183-2184
1st other food or beverage - times/month .....	HAN8AS	2185-2188
2nd other food or beverage - specified .....	HAN8BCD	2189-2190
2nd other food or beverage - times/month .....	HAN8BS	2191-2194
3rd other food or beverage - specified .....	HAN8CCD	2195-2196
3rd other food or beverage - times/month .....	HAN8CS	2197-2199
4th other food or beverage - specified .....	HAN8DCD	2200-2201
4th other food or beverage - times/month .....	HAN8DS	2202-2204
5th other food or beverage - specified .....	HAN8ECD	2205-2206
5th other food or beverage - times/month .....	HAN8ES	2207-2209
6th other food or beverage - specified .....	HAN8FCD	2210-2211
6th other food or beverage - times/month .....	HAN8FS	2212-2214
Check item. Refer to age of SP .....	HAN9	2215
How often drink milk when child (5-12) .....	HAN10A	2216
How often drnk milk when teenager(13-17) .....	HAN10B	2217
How often drink milk, young adult(18-35) .....	HAN10C	2218
How often drnk milk, mid-age adult(36-65) .....	HAN10D	2219
How often drink milk, older adult(over65) .....	HAN10E	2220

SECTION P. VISION AND HEARING

Have total blindness in one or both eyes .....	HAP1	2221
Total blindness in 1 eye or in both eyes .....	HAP1A	2222
Do you use glasses, contacts, or both .....	HAP2	2223
Trouble seeing w/one/both eyes w/glasses .....	HAP3	2224
W/glasses recognize friend across street .....	HAP4	2225
W/ glasses recognize friend across room .....	HAP5	2226
W/ glasses recognize friend arms length .....	HAP6	2227
W/glasses recognize friend face, close up .....	HAP7	2228
W/ glasses see enough to read news print .....	HAP8	2229

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Description	Variable Name	Positions
W/ glasses see enough to read headlines .....	HAP9	2230
Have total deafness in one or both ears .....	HAP10	2231
Total deafness in 1 ear or in both ears .....	HAP10A	2232
Do you use a hearing aid .....	HAP11	2233
Have trouble hearing even w/hearing aid .....	HAP12	2234
W/ aid can hear most things people say .....	HAP13	2235
W/aid can hear only few words/loud noise ....	HAP14	2236
Difficulty using phone, hearing problems ....	HAP15	2237
Check item. Refer to age of SP .....	HAP16	2238
Repeat item: 'apple' (first trial) .....	HAP17A1	2239
Repeat item: 'table' (first trial) .....	HAP17A2	2240
Repeat item: 'penny' (first trial) .....	HAP17A3	2241
Number of trials until objects learned .....	HAP17B	2242
Dollars left: have \$20 and take away \$3 .....	HAP18A	2243-2244
Dollars left: subtract \$3 from \$17 .....	HAP18B	2245-2246
Dollars left: subtract \$3 from \$14 .....	HAP18C	2247-2248
Dollars left: subtract \$3 from \$11 .....	HAP18D	2249-2250
Dollars left: subtract \$3 from \$8 .....	HAP18E	2251-2252
Repeat item: 'apple' (second trial) .....	HAP19A	2253
Repeat item: 'table' (second trial) .....	HAP19B	2254
Repeat item: 'penny' (second trial) .....	HAP19C	2255

SECTION Q. DENTAL CARE AND STATUS

Describe natural teeth: excellent...poor ....	HAQ1	2256-2257
Dental care needed:teeth filled/replaced ....	HAQ2A	2258
Dental care needed: teeth pulled .....	HAQ2B	2259
Dental care needed: gum treatment .....	HAQ2C	2260
Dental care needed: denture work .....	HAQ2D	2261
Dental care needed: relief of pain .....	HAQ2E	2262
Dental care needed:to improve appearance ....	HAQ2F	2263
Dental care needed: other .....	HAQ2G	2264
Dental care needed: nothing .....	HAQ2I	2265
Dental care needed: cleaning .....	HAQ2K	2266
Dental care needed: checkup .....	HAQ2L	2267
# days ago last visit dentist/hygienist .....	HAQ3S	2268-2272
How often do you go to dentist/hygienist ....	HAQ4	2273-2274
Past 12 mo,had cold sores/fever blisters ....	HAQ5	2275

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Description	Variable Name	Positions
Past 12 months, had canker/mouth sores .....	HAQ6	2276
Check item. Refer to age of SP .....	HAQ7	2277
Ever received orthodontic treatment .....	HAQ8	2278
Age started recent orthodontic treatment ....	HAQ9	2279-2280

SECTION R. TOBACCO

Have you smoked 100+ cigarettes in life .....	HAR1	2281
Age when you started smoking regularly .....	HAR2	2282-2284
Do you smoke cigarettes now .....	HAR3	2285
# cigarettes smoked per day .....	HAR4S	2286-2288
How many yrs have you smoked this amount ....	HAR5	2289-2291
Ever period of 1+ years when smoked more ....	HAR6	2292
# cigarettes per day when smoking most .....	HAR7S	2293-2296
How many years did you smoke that amount ....	HAR8	2297-2299
Ever quit smoking for one year or longer ....	HAR9	2300
How many years not smoked since started .....	HAR10	2301-2303
Age last smoke cigarettes reg -- yrs .....	HAR11R	2304-2306
# cigarettes smoked per day at that time ....	HAR12S	2307-2309
Quit smoking, health problem from smoking ....	HAR13	2310
Ever used chewing tobacco or snuff .....	HAR14	2311
Age 1st use chew tobacco/snuff regularly ....	HAR15	2312-2314
Do you use chewing tobacco or snuff now .....	HAR16	2315
Which - chewing tobacco or snuff .....	HAR17	2316
# containers of snuff used per week .....	HAR18AS	2317-2319
# containers of chewing tobacco per week ....	HAR18BS	2320-2322
Place in right, left, or front of mouth .....	HAR19A	2323
Place in top or bottom of mouth .....	HAR19B	2324
Age last use chew tob/snuf reg -- yrs .....	HAR20R	2325-2327
Which used, chewing tobacco or snuff .....	HAR21	2328
Quit chew/snuff, related health problem .....	HAR22	2329
Ever smoke at least 20 cigars in life .....	HAR23	2330
Do you now smoke cigars .....	HAR24	2331
How many cigars do you smoke per day .....	HAR25	2332-2333
Ever smoke 20 pipes of tobacco in life .....	HAR26	2334
Do you now smoke a pipe .....	HAR27	2335
How many pipefuls tobacco smoke per day .....	HAR28	2336-2337

SECTION S. OCCUPATION/LANGUAGE USAGE

Past 2 wks, did you work at job/business ....	HAS1	2338
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Description	Variable Name	Positions
Past 2 weeks, did you have job/business .....	HAS2	2339
Looking for work or on layoff from job .....	HAS3	2340
Which, looking for work or on layoff .....	HAS4	2341
Check item. Refer to S2 .....	HAS5	2342
What kind of business or industry -- rcd ....	HAS8R	2343-2344
What kind of work were you doing -- rcd .....	HAS9R	2345-2346
Class of worker .....	HAS11	2347-2348
How long in months worked at that job .....	HAS12S	2349-2352
Check item. Refer to S1 and S2 .....	HAS13	2353
At work, hours per day can smell smoking ....	HAS14	2354-2355
In job, ever wear protective equipment .....	HAS15	2356
Ever wear eye protection .....	HAS16A	2357
Ever wear protective gloves .....	HAS16B	2358
Ever wear dust mask .....	HAS16C	2359
Ever wear respirator .....	HAS16D	2360
What kind of work were you doing longest ....	HAS17	2361
What kind of work doing longest -- rcd .....	HAS17R	2362-2363
How long this kind of work-all employers ....	HAS18	2364-2366
What business/industry worked in longest ....	HAS19	2367
Business/industry worked in longest--rcd ....	HAS19R	2368-2369
Check item. Refer to S1 and S12 .....	HAS21	2370
What were you doing most of past 12 mo .....	HAS22	2371-2372
Limited in work by health problem .....	HAS23	2373
Limited in housework by health problem .....	HAS24	2374
Limited in activities by health problem .....	HAS25	2375
Ever change work/housework, health prob .....	HAS26	2376
Did you change permanently to easier job ....	HAS27A	2377
Did you change temporarily to easier job ....	HAS27B	2378
Did you cut down to part-time work only .....	HAS27C	2379
Did you have to stop work for few months ....	HAS27D	2380
Did you retire because of a disability .....	HAS27E	2381
Did you have to cut down on housework .....	HAS27F	2382
Did you stop doing all housework .....	HAS27G	2383
Did you make some other change .....	HAS27H	2384
Other specify - coded .....	HAS27HCD	2385
Language you mainly speak at home .....	HAS28	2386
Language you mainly speak at work/school ....	HAS29	2387-2388

SECTION T. EXERCISE

Past mo,how often walk mile without stop ....	HAT1S	2389-2392
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NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Walking activity - intensity rating .....	HAT1MET	2393-2395
In the past month, did you jog or run .....	HAT2	2396
Jog or run activity - intensity rating .....	HAT2MET	2397
Past month, how often did you jog or run ....	HAT3S	2398-2401
Past mo, ride bicycle/exercise bicycle .....	HAT4	2402
Bicycle activity - intensity rating .....	HAT4MET	2403
Past mo, how often ride bike/exer bike .....	HAT5S	2404-2407
In the past month did you swim .....	HAT6	2408
Swim activity - intensity rating .....	HAT6MET	2409
Past month, how often did you swim .....	HAT7S	2410-2413
Past mo, do aerobics or aerobic dancing .....	HAT8	2414
Aerobics activity - intensity rating .....	HAT8MET	2415
Past mo, how often did aerobics/dancing .....	HAT9S	2416-2419
Past month, did you do other dancing .....	HAT10	2420
Other dancing activity -intensity rating ....	HAT10MET	2421-2423
Past month, how often did other dancing .....	HAT11S	2424-2427
Past month, do calisthenics or exercises ....	HAT12	2428
Calisthenics activity - intensity rating ....	HAT12MET	2429-2431
Past mo, how often did calisthenics/exer ....	HAT13S	2432-2435
Past month, did you do garden/yard work .....	HAT14	2436
Garden/yard activity - intensity rating .....	HAT14MET	2437
Past mo, how often did garden/yard work .....	HAT15S	2438-2441
In the past month, did you lift weights .....	HAT16	2442
Lift weights activity - intensity rating ....	HAT16MET	2443
Past mo, how often did you lift weights .....	HAT17S	2444-2447
Past mo, any other exercises, sports ... ..	HAT18	2448
PROBE: What - coded .....	HAT19CD	2449-2453
Other activity - intensity rating .....	HAT19MET	2454-2457
Past mo, how often did other activity .....	HAT20S	2458-2461
PROBE: Any others - coded (activity 2) .....	HAT21CD	2462-2466
Other activity 2 - intensity rating .....	HAT21MET	2467-2469
Past mo, how often did other activity 2 .....	HAT22S	2470-2473
PROBE: Any others - coded (activity 3) .....	HAT23CD	2474-2478
Other activity 3 - intensity rating .....	HAT23MET	2479-2481
Past mo, how often did other activity 3 .....	HAT24S	2482-2485
PROBE: Any others - Coded (activity 4) .....	HAT25CD	2486-2490
Other activity 4 - intensity rating .....	HAT25MET	2491-2493
Past mo, how often did other activity 4 .....	HAT26S	2494-2497
Compare activity for past mo to past yr .....	HAT27	2498

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Active compared with men/women your age .....	HAT28	2499
Check item. Refer to age of SP .....	HAT29	2500
Active now compared with self 10 yrs ago ....	HAT30	2501

SECTION V. SOCIAL SUPPORT/RESIDENCE

# times/week on phone w/ family, friends ....	HAV1S	2502-2505
How often per yr together w/friends/rels ....	HAV2S	2506-2510
How often per year you visit w/neighbors ....	HAV3S	2511-2515
How often per yr attend church/services .....	HAV4S	2516-2519
Do you belong to any clubs or groups .....	HAV5	2520
How often per year attend club meetings .....	HAV6S	2521-2524
Weeks lived at this address -- recode .....	HAV7R	2525-2528
How long lived in this city/town/area .....	HAV8	2529-2530
Have you lived anywhere longer than here ....	HAV9	2531
Where did you live longest -- recode .....	HAV10R	2532
How long did you live in longest place .....	HAV11	2533-2534
Where were you born -- recode .....	HAV12R	2535
If not born US, how long lived US -- yrs ....	HAV13R	2536-2538

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE

Taken vitamins/minerals in past month .....	HAX1A	2539
Taken prescriptn medicines in past month ....	HAX1B	2540
Taken antacids in past month .....	HAX1C	2541
How many vitamins/minerals taken .....	HAX2A	2542-2543
How many prescription medicines taken .....	HAX2B	2544-2545
How many antacids taken .....	HAX2C	2546-2547
Certainty index code-1st .....	HAX3CG	2548-2549
Product class-1st .....	HAX3DG	2550-2551
How often did you take in past month-1st ....	HAX6SG	2552-2555
How long been taking (month)-1st .....	HAX8SG	2556-2559
Certainty index code-2nd .....	HAX3CH	2560-2561
Product class-2nd .....	HAX3DH	2562-2563
How often did you take in past month-2nd ....	HAX6SH	2564-2567
How long been taking (month)-2nd .....	HAX8SH	2568-2571
Certainty index code-3rd .....	HAX3CI	2572-2573

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Product class-3rd .....	HAX3DI	2574-2575
How often did you take in past month-3rd ....	HAX6SI	2576-2579
How long been taking (month)-3rd .....	HAX8SI	2580-2583
Certainty index code-4th .....	HAX3CJ	2584-2585
Product class-4th .....	HAX3DJ	2586-2587
How often did you take in past month-4th ....	HAX6SJ	2588-2591
How long been taking (month)-4th .....	HAX8SJ	2592-2595
Certainty index code-5th .....	HAX3CK	2596-2597
Product class-5th .....	HAX3DK	2598-2599
How often did you take in past month-5th ....	HAX6SK	2600-2603
How long been taking (month)-5th .....	HAX8SK	2604-2607
Certainty index code-6th .....	HAX3CL	2608-2609
Product class-6th .....	HAX3DL	2610-2611
How often did you take in past month-6th ....	HAX6SL	2612-2615
How long been taking (month)-6th .....	HAX8SL	2616-2619
Certainty index code-7th .....	HAX3CM	2620-2621
Product class-7th .....	HAX3DM	2622-2623
How often did you take in past month-7th ....	HAX6SM	2624-2627
How long been taking (month)-7th .....	HAX8SM	2628-2631
Certainty index code-8th .....	HAX3CN	2632-2633
Product class-8th .....	HAX3DN	2634-2635
How often did you take in past month-8th ....	HAX6SN	2636-2639
How long been taking (month)-8th .....	HAX8SN	2640-2643
Certainty index code-9th .....	HAX3CO	2644-2645
Product class-9th .....	HAX3DO	2646-2647
How often did you take in past month-9th ....	HAX6SO	2648-2651
How long been taking (month)-9th .....	HAX8SO	2652-2655
Certainty index code-10th .....	HAX3CP	2656-2657
Product class-10th .....	HAX3DP	2658-2659
How often did you take in past mnth-10th ....	HAX6SP	2660-2663
How long been taking (month)-10th .....	HAX8SP	2664-2667
Certainty index code-11th .....	HAX3CQ	2668-2669
Product class-11th .....	HAX3DQ	2670-2671
How often did you take in past mnth-11th ....	HAX6SQ	2672-2675
How long been taking (month)-11th .....	HAX8SQ	2676-2679
Certainty index code-12th .....	HAX3CR	2680-2681
Product class-12th .....	HAX3DR	2682-2683
How often did you take in past mnth-12th ....	HAX6SR	2684-2687
How long been taking (month)-12th .....	HAX8SR	2688-2691

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Certainty index code-13th .....	HAX3CS	2692-2693
Product class-13th .....	HAX3DS	2694-2695
How often did you take in past mnth-13th ....	HAX6SS	2696-2699
How long been taking (month)-13th .....	HAX8SS	2700-2703
Certainty index code-14th .....	HAX3CT	2704-2705
Product class-14th .....	HAX3DT	2706-2707
How often did you take in past mnth-14th ....	HAX6ST	2708-2711
How long been taking (month)-14th .....	HAX8ST	2712-2715
Certainty index code-15th .....	HAX3CU	2716-2717
Product class-15th .....	HAX3DU	2718-2719
How often did you take in past mnth-15th ....	HAX6SU	2720-2723
How long been taking (month)-15th .....	HAX8SU	2724-2727
Certainty index code-16th .....	HAX3CV	2728-2729
Product class-16th .....	HAX3DV	2730-2731
How often did you take in past mnth-16th ....	HAX6SV	2732-2735
How long been taking (month)-16th .....	HAX8SV	2736-2739
Certainty index code-17th .....	HAX3CW	2740-2741
Product class-17th .....	HAX3DW	2742-2743
How often did you take in past mnth-17th ....	HAX6SW	2744-2747
How long been taking (month)-17th .....	HAX8SW	2748-2751
Primary drug class code-1st .....	HAX9DG	2752-2755
Secondary drug class code-1st .....	HAX9EG	2756-2759
Tertiary drug class code-1st .....	HAX9FG	2760-2763
ICD-9-CM code-1st .....	HAX11AG	2764-2769
For how long been taking (days)-1st .....	HAX12SG	2770-2774
Primary drug class code-2nd .....	HAX9DH	2775-2778
Secondary drug class code-2nd .....	HAX9EH	2779-2782
Tertiary drug class code-2nd .....	HAX9FH	2783-2786
ICD-9-CM code-2nd .....	HAX11AH	2787-2792
For how long been taking (days)-2nd .....	HAX12SH	2793-2797
Primary drug class code-3rd .....	HAX9DI	2798-2801
Secondary drug class code-3rd .....	HAX9EI	2802-2805
Tertiary drug class code-3rd .....	HAX9FI	2806-2809
ICD-9-CM code-3rd .....	HAX11AI	2810-2815
For how long been taking (days)-3rd .....	HAX12SI	2816-2820
Primary drug class code-4th .....	HAX9DJ	2821-2824
Secondary drug class code-4th .....	HAX9EJ	2825-2828
Tertiary drug class code-4th .....	HAX9FJ	2829-2832
ICD-9-CM code-4th .....	HAX11AJ	2833-2838

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
For how long been taking (days)-4th .....	HAX12SJ	2839-2843
Primary drug class code-5th .....	HAX9DK	2844-2847
Secondary drug class code-5th .....	HAX9EK	2848-2851
Tertiary drug class code-5th .....	HAX9FK	2852-2855
ICD-9-CM code-5th .....	HAX11AK	2856-2861
For how long been taking (days)-5th .....	HAX12SK	2862-2866
Primary drug class code-6th .....	HAX9DL	2867-2870
Secondary drug class code-6th .....	HAX9EL	2871-2874
Tertiary drug class code-6th .....	HAX9FL	2875-2878
ICD-9-CM code-6th .....	HAX11AL	2879-2884
For how long been taking (days)-6th .....	HAX12SL	2885-2889
Primary drug class code-7th .....	HAX9DM	2890-2893
Secondary drug class code-7th .....	HAX9EM	2894-2897
Tertiary drug class code-7th .....	HAX9FM	2898-2901
ICD-9-CM code-7th .....	HAX11AM	2902-2907
For how long been taking (days)-7th .....	HAX12SM	2908-2912
Primary drug class code-8th .....	HAX9DN	2913-2916
Secondary drug class code-8th .....	HAX9EN	2917-2920
Tertiary drug class code-8th .....	HAX9FN	2921-2924
ICD-9-CM code-8th .....	HAX11AN	2925-2930
For how long been taking (days)-8th .....	HAX12SN	2931-2935
Primary drug class code-9th .....	HAX9DO	2936-2939
Secondary drug class code-9th .....	HAX9EO	2940-2943
Tertiary drug class code-9th .....	HAX9FO	2944-2947
ICD-9-CM code-9th .....	HAX11AO	2948-2953
For how long been taking (days)-9th .....	HAX12SO	2954-2958
Primary drug class code-10th .....	HAX9DP	2959-2962
Secondary drug class code-10th .....	HAX9EP	2963-2966
Tertiary drug class code-10th .....	HAX9FP	2967-2970
ICD-9-CM code-10th .....	HAX11AP	2971-2976
For how long been taking (days)-10th .....	HAX12SP	2977-2981
Primary drug class code-11th .....	HAX9DQ	2982-2985
Secondary drug class code-11th .....	HAX9EQ	2986-2989
Tertiary drug class code-11th .....	HAX9FQ	2990-2993
ICD-9-CM code-11th .....	HAX11AQ	2994-2999
For how long been taking (days)-11th .....	HAX12SQ	3000-3004
Primary drug class code-12th .....	HAX9DR	3005-3008
Secondary drug class code-12th .....	HAX9ER	3009-3012
Tertiary drug class code-12th .....	HAX9FR	3013-3016

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
ICD-9-CM code-12th .....	HAX11AR	3017-3022
For how long been taking (days)-12th .....	HAX12SR	3023-3027
Primary drug class code-13th .....	HAX9DS	3028-3031
Secondary drug class code-13th .....	HAX9ES	3032-3035
Tertiary drug class code-13th .....	HAX9FS	3036-3039
ICD-9-CM code-13th .....	HAX11AS	3040-3045
For how long been taking (days)-13th .....	HAX12SS	3046-3050
Primary drug class code-14th .....	HAX9DT	3051-3054
Secondary drug class code-14th .....	HAX9ET	3055-3058
Tertiary drug class code-14th .....	HAX9FT	3059-3062
ICD-9-CM code-14th .....	HAX11AT	3063-3068
For how long been taking (days)-14th .....	HAX12ST	3069-3073
Primary drug class code-15th .....	HAX9DU	3074-3077
Secondary drug class code-15th .....	HAX9EU	3078-3081
Tertiary drug class code-15th .....	HAX9FU	3082-3085
ICD-9-CM code-15th .....	HAX11AU	3086-3091
For how long been taking (days)-15th .....	HAX12SU	3092-3096
Primary drug class code-16th .....	HAX9DV	3097-3100
Secondary drug class code-16th .....	HAX9EV	3101-3104
Tertiary drug class code-16th .....	HAX9FV	3105-3108
ICD-9-CM code-16th .....	HAX11AV	3109-3114
For how long been taking (days)-16th .....	HAX12SV	3115-3119
Antacid identification code-1st .....	HAX13AG	3120-3122
How often did you take in past month-1st ....	HAX15SG	3123-3126
How much did you take ea time (quan)-1st ....	HAX16AG	3127-3128
How much did you take ea time (unit)-1st ....	HAX16A1G	3129-3130
How long been taking (months)-1st .....	HAX17SG	3131-3134
Antacid identification code-2nd .....	HAX13AH	3135-3137
How often did you take in past month-2nd ....	HAX15SH	3138-3141
How much did you take ea time (quan)-2nd ....	HAX16AH	3142-3143
How much did you take ea time (unit)-2nd ....	HAX16A1H	3144-3145
How long been taking (months)-2nd .....	HAX17SH	3146-3149
Antacid identification code-3rd .....	HAX13AI	3150-3152
How often did you take in past month-3rd ....	HAX15SI	3153-3156
How much did you take ea time (quan)-3rd ....	HAX16AI	3157-3158
How much did you take ea time (unit)-3rd ....	HAX16A1I	3159-3160
How long been taking (months)-3rd .....	HAX17SI	3161-3164
Antacid identification code-4th .....	HAX13AJ	3165-3167
How often did you take in past month-4th ....	HAX15SJ	3168-3171

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
How much did you take ea time (quan)-4th ....	HAX16AJ	3172-3173
How much did you take ea time (unit)-4th ....	HAX16A1J	3174-3175
How long been taking (months)-4th .....	HAX17SJ	3176-3179
Taken aspirin, etc. in past month .....	HAX18A	3180
How often did you take in past month .....	HAX19AS	3181-3183
Taken acetaminophen, etc. in past month .....	HAX18B	3184
How often did you take in past month .....	HAX19BS	3185-3187
Taken ibuprofen, etc. in past month .....	HAX18C	3188
How often did you take in past month .....	HAX19CS	3189-3191
Taken other pain rel. in past month-1st .....	HAX18D	3192
Other pain rel. product type-1st .....	HAX18DB	3193-3194
How often did you take in past month-1st ....	HAX19DS	3195-3197
Taken other pain rel. in past month-2nd .....	HAX18E	3198
Other pain rel. product type-2nd .....	HAX18EB	3199-3200
How often did you take in past month-2nd ....	HAX19ES	3201-3203
Taken other pain rel. in past month-3rd .....	HAX18F	3204
Other pain rel. product type-3rd .....	HAX18FB	3205-3206
How often did you take in past month-3rd ....	HAX19FS	3207-3209
Taken other pain rel. in past month-4th .....	HAX18G	3210
Other pain rel. product type-4th .....	HAX18GB	3211-3212
How often did you take in past month-4th ....	HAX19GS	3213-3215

SECTION Y. NAME/SSN

Main respondent for household adult quex ....	HAY6	3216-3217
Reason for accepting proxy respondent .....	HAY7	3218-3219
Was SP present during any of interview .....	HAY8	3220
Anyone else present during interview .....	HAY9	3221
Quality of interview .....	HAY10	3222
Observed SP: in bed .....	HAY11A	3223
Observed SP: in wheelchair .....	HAY11B	3224
Observed SP:uses cane,crutches,or walker ....	HAY11C	3225
Observed SP: walks slowly or shuffles .....	HAY11D	3226
Observed SP: paralysis in hands or legs .....	HAY11E	3227
Observed SP: hearing impairment .....	HAY11F	3228
Observe SP:speech problems(not language) ....	HAY11G	3229
Observed SP: coughs continuously .....	HAY11H	3230
Observed SP: dressed in street clothes .....	HAY11I	3231

NHANES III Household Adult Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Observed SP:overweight, average, or thin ....	HAY11J	3232
SECTION Z. BLOOD PRESSURE MEASUREMENT		
Any medical reason procedure not be done ....	HAZA1	3233
Med reason BP not taken(survey years4-6) ....	HAZA1A	3234
Med reason BP not taken - other(yrs 5-6) ....	HAZA1CC	3235-3264
Have you consumed food, etc last 30 min .....	HAZA2	3265
Have you consumed food in last 30 min .....	HAZA2A1	3266
Have you consumed alcohol in last 30 min ....	HAZA2A2	3267
Have you consumed coffee in last 30 min .....	HAZA2A3	3268
Have you smoked cigarettes last 30 min .....	HAZA2A4	3269
Cuff size used .....	HAZA3	3270
Arm selected .....	HAZA4	3271
Reason left arm selected(survey yrs 4-6) ....	HAZA4A	3272
Radial pulse (30 seconds) .....	HAZA5	3273-3275
Radial pulse rate (beats/min) .....	HAZA5R	3276-3278
Radial pulse regular/rhythmic .....	HAZA6	3279
First maximum inflation rate (MIL, mmHg) ....	HAZA7A	3280-3282
Reason first MIL not taken (years 4-6) .....	HAZA7AA	3283
Second MIL (mm Hg) (survey years 4-6) .....	HAZA7B	3284-3286
Reason second MIL not taken (years 4-6) .....	HAZA7BA	3287
K1 for first BP measure (systolic, mmHg) ....	HAZA8AK1	3288-3290
K5 for first BP measure (diastolic,mmHg) ....	HAZA8AK5	3291-3293
Reason first BP measurement not done .....	HAZA8A3	3294
Reason first BP measurement refused .....	HAZA8A4	3295
K1 for second BP measure (systolic,mmHg) ....	HAZA8BK1	3296-3298
K5 for second BP measure(diastolic,mmHg) ....	HAZA8BK5	3299-3301
Reason second BP measurement not done .....	HAZA8B3	3302
Reason second BP measurement refused .....	HAZA8B4	3303
K1 for third BP measure (systolic, mmHg) ....	HAZA8CK1	3304-3306
K5 for third BP measure (diastolic,mmHg) ....	HAZA8CK5	3307-3309
Reason third BP measurement not done .....	HAZA8C3	3310
Reason third BP measurement refused .....	HAZA8C4	3311
K1 for fourth BP (systolic,mmHg,yrs 4-6) ....	HAZA8DK1	3312-3314
K5 for fourth BP(diastolic,mmHg,yrs 4-6) ....	HAZA8DK5	3315-3317
Reason fourth BP not done (years 4-6) .....	HAZA8D3	3318
Reason fourth BP refused (years 4-6) .....	HAZA8D4	3319



NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
-----			
6-10 DMPFSEQ	20050	Family sequence number 00001-20076	See note
11 DMPSTAT	1888 17705 457	Examination/interview status 1 Interviewed, not examined 2 Interviewed, MEC-examined 3 Interviewed, home-examined	See note
12 DMARETHN	8483 5486 5306 775	Race-ethnicity 1 Non-Hispanic white 2 Non-Hispanic black 3 Mexican-American 4 Other	See note
13 DMARACER	13738 5664 640 8	Race 1 White 2 Black 3 Other 8 Mexican-American of unknown race	See note
14 DMAETHNR	5306 482 14262	Ethnicity 1 Mexican-American 2 Other Hispanic 3 Not Hispanic	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
-----			
	15	Sex	
HSSEX	9401	1 Male	
	10649	2 Female	
	16-17	Date of screener (month)	
HSDOIMO	1653	01	
	1787	02	
	1719	03	
	1857	04	
	1843	05	
	1051	06	
	1759	07	
	1648	08	
	1775	09	
	1861	10	
	1978	11	
	1119	12	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
18-19 HSAGEIR	19854 196	Age at interview (Screener) 17-89 90 90+	See note
20 HSAGEU	20050	Age at interview-unit (Screener) 2 Years	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
-----

GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
-----			
21-24		Age in months (Screener)	See note
HSAITMOR	19840	0204-1079	
	194	1080 1080+ months	
	16	9999 Don't know	
25-26		Family size	See note
HSFSIZER	3570	01	
	5583	02	
	3447	03	
	2949	04	
	2010	05	
	1033	06	
	570	07	
	364	08	
	186	09	
	338	10 10+	
27-28		Household size	See note
HSHSIZER	2925	01	
	5700	02	
	3547	03	
	3057	04	
	2053	05	
	1096	06	
	626	07	
	408	08	
	210	09	
	428	10 10+	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
-----

GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
-----			
29-31 DMPCNTYR		County FIPS codes for United States counties with populations >= 500,000	See note
	9433	001-439	
	10617	Blank	
32-33 DMPFIPSR		State FIPS codes for United States counties with populations >= 500,000	See note
	218	04	
	2876	06	
	732	12	
	594	17	
	210	25	
	475	26	
	242	29	
	1275	36	
	419	39	
	550	42	
	222	44	
	1343	48	
	277	53	
	10617	Blank	
34 DMPMETRO		Urbanization classification based on USDA Rural/Urban continuum codes.	See note
	9979	1 Central counties of metro areas of 1 million population or more, OR, Fringe counties of metro areas of 1 million population or more	
	10071	2 All other areas	
35 DMPCREGN		Census region	See note
	2931	1 Northeast	
	3854	2 Midwest	
	8558	3 South	
	4707	4 West	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
36-41		Poverty Income Ratio	See note
DMPPIR	55	00.000 No reported income	
	17845	00.022-11.889	
	2150	888888 Blank but applicable	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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SURVEY DESIGN DATA  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
	42	Phase of NHANES III survey	See note
SDPPHASE	10120	1 1988-1991	
	9930	2 1991-1994	
	43	Total NHANES III Pseudo-PSU	See note
SDPPSU6	9992	1	
	10058	2	
	44-45	Total NHANES III Pseudo-stratum	See note
SDPSTRA6	20050	01-49	
	46	Phase 1 Pseudo-PSU	See note
SDPPSU1	5138	1	
	4982	2	
	9930	Blank	
	47-48	Phase 1 Pseudo-stratum	See note
SDPSTRA1	10120	01-23	
	9930	Blank	
	49	Phase 2 Pseudo-PSU	See note
SDPPSU2	5012	1	
	4918	2	
	10120	Blank	
	50-51	Phase 2 Pseudo-stratum	See note
SDPSTRA2	9930	01-23	
	10120	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
SAMPLING WEIGHTS  
-----

TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
52-60 WTPFQX6	20050	Total NHANES III interviewed sample final weight 000220.88-140916.28	See note
61-69 WTPFEX6	2345 17705	Total NHANES III MEC-examined sample final weight 000000.00 000227.87-140778.72	See note
70-78 WTPFHX6	1888 18162	Total NHANES III MEC and home- examined final weight 000000.00 000225.93-139744.91	See note
79-87 WTPFALG6	563 6741 12746	Total NHANES III allergy subsample final weight 000000.00 000713.97-288897.91 Blank	See note
88-96 WTPFCNS6	488 5662 13900	Total NHANES III central nervous system (CNS) subsample final weight 000000.00 001316.46-295826.48 Blank	See note
97-105 WTPFSD6	1680 8288 10082	Total NHANES III morning session MEC-examined subsample final weight 000000.00 000450.95-292590.96 Blank	See note
106-114 WTPFMD6	1565 8517 9968	Total NHANES III afternoon/evening session MEC-examined subsample final weight 000000.00 000495.13-256201.99 Blank	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
SAMPLING WEIGHTS  
-----

TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
115-123 WTPFHSD6		Total NHANES III morning session MEC and home-examined subsample final weight	See note
	1551	000000.00	
	8415	000446.49-291479.91	
	10084	Blank	
124-132 WTPFHMD6		Total NHANES III afternoon/evening session MEC and home-examined subsample final weight	See note
	1430	000000.00	
	8650	000503.56-256245.36	
	9970	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
SAMPLING WEIGHTS  
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NHANES III PHASE 1 (1988-91)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
133-141 WTPFQX1		Phase 1 interviewed sample final weight	See note
	10120	000461.29-281832.56	
	9930	Blank	
142-150 WTPFEX1		Phase 1 MEC-examined sample final weight	See note
	1315	000000.00	
	8805	000527.01-281557.44	
	9930	Blank	
151-159 WTPFHX1		Phase 1 MEC and home-examined sample final weight	See note
	1086	000000.00	
	9034	000513.14-279489.83	
	9930	Blank	
160-168 WTPFALG1		Phase 1 allergy subsample final weight	See note
	290	000000.00	
	3341	002010.92-577795.82	
	16419	Blank	
169-177 WTPFCNS1		Phase 1 central nervous system (CNS) subsample final weight	See note
	270	000000.00	
	2751	002699.84-591652.96	
	17029	Blank	
178-186 WTPFSD1		Phase 1 morning session MEC-examined subsample final weight	See note
	896	000000.00	
	4079	001111.36-585181.93	
	15075	Blank	
187-195 WTPFMD1		Phase 1 afternoon/evening session MEC- examined subsample final weight	See note
	850	000000.00	
	4295	001104.11-506697.07	
	14905	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
SAMPLING WEIGHTS  
-----

NHANES III PHASE 1 (1988-91)  
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Positions SAS name	Counts	Item description and code	Notes
196-204 WTPFHSD1		Phase 1 morning session MEC and home- examined subsample final weight	See note
	818	000000.00	
	4157	0001091.8-582959.83	
	15075	Blank	
205-213 WTPFHMD1		Phase 1 afternoon/evening session MEC and home-examined subsample final weight	See note
	792	000000.00	
	4353	001085.73-507417.05	
	14905	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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SAMPLING WEIGHTS  
-----

NHANES III PHASE 2 (1991-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
214-222 WTPFQX2		Phase 2 interviewed sample final weight	See note
	9930	000441.77-243267.38	
	10120	Blank	
223-231 WTPFEX2		Phase 2 MEC-examined sample final weight	See note
	1030	000000.00	
	8900	000455.74-262887.56	
	10120	Blank	
232-240 WTPFHX2		Phase 2 MEC and home-examined sample final weight	See note
	802	000000.00	
	9128	000451.85-262188.52	
	10120	Blank	
241-249 WTPFALG2		Phase 2 allergy subsample final weight	See note
	273	000000.00	
	3400	001427.95-552445.57	
	16377	Blank	
250-258 WTPFCNS2		Phase 2 central nervous system (CNS) subsample final weight	See note
	218	000000.00	
	2911	002632.92-518040.33	
	16921	Blank	
259-267 WTPFSD2		Phase 2 morning session MEC-examined subsample final weight	See note
	784	000000.00	
	4209	0000901.9-550430.69	
	15057	Blank	
268-276 WTPFMD2		Phase 2 afternoon/evening session MEC- examined subsample final weight	See note
	715	000000.00	
	4222	000990.26-512403.98	
	15113	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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SAMPLING WEIGHTS  
-----

NHANES III PHASE 2 (1991-94)  
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Positions SAS name	Counts	Item description and code	Notes
277-285 WTPFHSD2		Phase 2 morning session MEC and home- examined subsample final weight	See note
	733	000000.00	
	4258	000892.98-552545.64	
	15059	Blank	
286-294 WTPFHMD2		Phase 2 afternoon/evening session MEC and home-examined subsample final weight	See note
	638	000000.00	
	4297	001007.13-512490.71	
	15115	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE INTERVIEW WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
295-303 WTPQRP1	20050	Replicate 1 final interview weight 000053.27-148435.02	See note
304-312 WTPQRP2	20050	Replicate 2 final interview weight 000067.13-143746.82	See note
313-321 WTPQRP3	20050	Replicate 3 final interview weight 000047.49-152075.62	See note
322-330 WTPQRP4	20050	Replicate 4 final interview weight 000062.62-143215.97	See note
331-339 WTPQRP5	20050	Replicate 5 final interview weight 000048.42-147700.94	See note
340-348 WTPQRP6	20050	Replicate 6 final interview weight 0000053.1-146803.63	See note
349-357 WTPQRP7	20050	Replicate 7 final interview weight 000058.18-145261.07	See note
358-366 WTPQRP8	20050	Replicate 8 final interview weight 000048.23-165044.02	See note
367-375 WTPQRP9	20050	Replicate 9 final interview weight 000065.01-147301.59	See note
376-384 WTPQRP10	20050	Replicate 10 final interview weight 000073.37-150156.79	See note
385-393 WTPQRP11	20050	Replicate 11 final interview weight 000058.31-146940.58	See note
394-402 WTPQRP12	20050	Replicate 12 final interview weight 000060.47-153958.72	See note
403-411 WTPQRP13	20050	Replicate 13 final interview weight 000000083-147395.78	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE INTERVIEW WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
412-420 WTPQRP14	20050	Replicate 14 final interview weight 000065.08-141527.04	See note
421-429 WTPQRP15	20050	Replicate 15 final interview weight 000062.35-140673.55	See note
430-438 WTPQRP16	20050	Replicate 16 final interview weight 000040.28-147603.74	See note
439-447 WTPQRP17	20050	Replicate 17 final interview weight 000045.36-154057.83	See note
448-456 WTPQRP18	20050	Replicate 18 final interview weight 000070.42-140696.18	See note
457-465 WTPQRP19	20050	Replicate 19 final interview weight 000050.96-139447.18	See note
466-474 WTPQRP20	20050	Replicate 20 final interview weight 000045.79-157335.08	See note
475-483 WTPQRP21	20050	Replicate 21 final interview weight 000049.79-146241.31	See note
484-492 WTPQRP22	20050	Replicate 22 final interview weight 000047.25-0154848.6	See note
493-501 WTPQRP23	20050	Replicate 23 final interview weight 000037.18-148309.04	See note
502-510 WTPQRP24	20050	Replicate 24 final interview weight 000058.57-141344.14	See note
511-519 WTPQRP25	20050	Replicate 25 final interview weight 000044.13-145105.09	See note
520-528 WTPQRP26	20050	Replicate 26 final interview weight 0000066.1-146773.53	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE INTERVIEW WEIGHTS  
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TOTAL NHANES III (1988-94)  
-----

Positions SAS name	Counts	Item description and code	Notes
529-537 WTPQRP27	20050	Replicate 27 final interview weight 000044.88-142455.25	See note
538-546 WTPQRP28	20050	Replicate 28 final interview weight 000055.25-148272.41	See note
547-555 WTPQRP29	20050	Replicate 29 final interview weight 000079.38-153624.57	See note
556-564 WTPQRP30	20050	Replicate 30 final interview weight 000060.29-151140.25	See note
565-573 WTPQRP31	20050	Replicate 31 final interview weight 000051.39-159963.39	See note
574-582 WTPQRP32	20050	Replicate 32 final interview weight 000067.41-139356.38	See note
583-591 WTPQRP33	20050	Replicate 33 final interview weight 000091.58-136762.37	See note
592-600 WTPQRP34	20050	Replicate 34 final interview weight 000065.64-140628.16	See note
601-609 WTPQRP35	20050	Replicate 35 final interview weight 000063.73-154630.49	See note
610-618 WTPQRP36	20050	Replicate 36 final interview weight 000067.29-153648.69	See note
619-627 WTPQRP37	20050	Replicate 37 final interview weight 000055.86-142752.43	See note
628-636 WTPQRP38	20050	Replicate 38 final interview weight 000063.36-152122.87	See note
637-645 WTPQRP39	20050	Replicate 39 final interview weight 000050.55-152941.69	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE INTERVIEW WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
646-654 WTPQRP40	20050	Replicate 40 final interview weight 000054.45-146815.92	See note
655-663 WTPQRP41	20050	Replicate 41 final interview weight 000059.62-141514.78	See note
664-672 WTPQRP42	20050	Replicate 42 final interview weight 000068.97-0140162.4	See note
673-681 WTPQRP43	20050	Replicate 43 final interview weight 000044.04-150981.83	See note
682-690 WTPQRP44	20050	Replicate 44 final interview weight 000040.36-144080.03	See note
691-699 WTPQRP45	20050	Replicate 45 final interview weight 000054.74-0142465.6	See note
700-708 WTPQRP46	20050	Replicate 46 final interview weight 000079.27-137838.21	See note
709-717 WTPQRP47	20050	Replicate 47 final interview weight 000052.71-145055.34	See note
718-726 WTPQRP48	20050	Replicate 48 final interview weight 000046.91-148787.77	See note
727-735 WTPQRP49	20050	Replicate 49 final interview weight 0000072.4-148375.43	See note
736-744 WTPQRP50	20050	Replicate 50 final interview weight 000070.53-165972.86	See note
745-753 WTPQRP51	20050	Replicate 51 final interview weight 000054.73-0144964.3	See note
754-762 WTPQRP52	20050	Replicate 52 final interview weight 000078.62-149087.24	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
763-771 WTPXRP1	2345 17705	Replicate 1 final exam weight 000000.00 000054.73-164698.81	See note
772-780 WTPXRP2	2345 17705	Replicate 2 final exam weight 000000.00 0000067.3-164887.24	See note
781-789 WTPXRP3	2345 17705	Replicate 3 final exam weight 000000.00 0000048.2-0161201.8	See note
790-798 WTPXRP4	2345 17705	Replicate 4 final exam weight 000000.00 000067.24-149561.18	See note
799-807 WTPXRP5	2345 17705	Replicate 5 final exam weight 000000.00 000055.97-146312.81	See note
808-816 WTPXRP6	2345 17705	Replicate 6 final exam weight 000000.00 000051.48-156250.53	See note
817-825 WTPXRP7	2345 17705	Replicate 7 final exam weight 000000.00 000060.06-0157694.3	See note
826-834 WTPXRP8	2345 17705	Replicate 8 final exam weight 000000.00 0000053.1-169111.97	See note
835-843 WTPXRP9	2345 17705	Replicate 9 final exam weight 000000.00 000065.55-156939.22	See note
844-852 WTPXRP10	2345 17705	Replicate 10 final exam weight 000000.00 000072.13-0165805.2	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
853-861 WTPXRP11	2345 17705	Replicate 11 final exam weight 000000.00 000063.42-154918.93	See note
862-870 WTPXRP12	2345 17705	Replicate 12 final exam weight 000000.00 0000061.3-164023.88	See note
871-879 WTPXRP13	2345 17705	Replicate 13 final exam weight 000000.00 000088.57-147355.32	See note
880-888 WTPXRP14	2345 17705	Replicate 14 final exam weight 000000.00 000067.04-154034.72	See note
889-897 WTPXRP15	2345 17705	Replicate 15 final exam weight 000000.00 000062.21-156384.73	See note
898-906 WTPXRP16	2345 17705	Replicate 16 final exam weight 000000.00 000000040-157994.12	See note
907-915 WTPXRP17	2345 17705	Replicate 17 final exam weight 000000.00 000048.34-160889.46	See note
916-924 WTPXRP18	2345 17705	Replicate 18 final exam weight 000000.00 0000075.2-153937.93	See note
925-933 WTPXRP19	2345 17705	Replicate 19 final exam weight 000000.00 000056.83-149483.14	See note
934-942 WTPXRP20	2345 17705	Replicate 20 final exam weight 000000.00 0000045.1-165457.71	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
943-951 WTPXRP21	2345 17705	Replicate 21 final exam weight 000000.00 000055.15-152305.97	See note
952-960 WTPXRP22	2345 17705	Replicate 22 final exam weight 000000.00 000045.53-159746.13	See note
961-969 WTPXRP23	2345 17705	Replicate 23 final exam weight 000000.00 000037.51-158016.62	See note
970-978 WTPXRP24	2345 17705	Replicate 24 final exam weight 000000.00 000066.11-153043.54	See note
979-987 WTPXRP25	2345 17705	Replicate 25 final exam weight 000000.00 000043.77-155179.51	See note
988-996 WTPXRP26	2345 17705	Replicate 26 final exam weight 000000.00 0000076.9-168273.22	See note
997-1005 WTPXRP27	2345 17705	Replicate 27 final exam weight 000000.00 000043.82-153212.25	See note
1006-1014 WTPXRP28	2345 17705	Replicate 28 final exam weight 000000.00 000058.08-147920.01	See note
1015-1023 WTPXRP29	2345 17705	Replicate 29 final exam weight 000000.00 000083.17-159279.49	See note
1024-1032 WTPXRP30	2345 17705	Replicate 30 final exam weight 000000.00 000064.89-162389.35	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
1033-1041 WTPXRP31	2345 17705	Replicate 31 final exam weight 000000.00 000052.61-163894.16	See note
1042-1050 WTPXRP32	2345 17705	Replicate 32 final exam weight 000000.00 000077.83-0149876.8	See note
1051-1059 WTPXRP33	2345 17705	Replicate 33 final exam weight 000000.00 000093.73-153417.47	See note
1060-1068 WTPXRP34	2345 17705	Replicate 34 final exam weight 000000.00 000066.96-156981.83	See note
1069-1077 WTPXRP35	2345 17705	Replicate 35 final exam weight 000000.00 000064.47-157897.09	See note
1078-1086 WTPXRP36	2345 17705	Replicate 36 final exam weight 000000.00 000067.68-171875.06	See note
1087-1095 WTPXRP37	2345 17705	Replicate 37 final exam weight 000000.00 000063.82-153137.39	See note
1096-1104 WTPXRP38	2345 17705	Replicate 38 final exam weight 000000.00 000067.6-159979.02	See note
1105-1113 WTPXRP39	2345 17705	Replicate 39 final exam weight 000000.00 000058.09-151920.72	See note
1114-1122 WTPXRP40	2345 17705	Replicate 40 final exam weight 000000.00 000059.01-157191.41	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
-----			
1123-1131 WTPXRP41	2345 17705	Replicate 41 final exam weight 000000.00 000072.22-000146023	See note
1132-1140 WTPXRP42	2345 17705	Replicate 42 final exam weight 000000.00 000069.57-154624.02	See note
1141-1149 WTPXRP43	2345 17705	Replicate 43 final exam weight 000000.00 000044.35-159439.04	See note
1150-1158 WTPXRP44	2345 17705	Replicate 44 final exam weight 000000.00 000044.16-155951.73	See note
1159-1167 WTPXRP45	2345 17705	Replicate 45 final exam weight 000000.00 000059.87-147941.67	See note
1168-1176 WTPXRP46	2345 17705	Replicate 46 final exam weight 000000.00 000074.92-150980.02	See note
1177-1185 WTPXRP47	2345 17705	Replicate 47 final exam weight 000000.00 000050.64-151763.92	See note
1186-1194 WTPXRP48	2345 17705	Replicate 48 final exam weight 000000.00 0000045.8-156115.62	See note
1195-1203 WTPXRP49	2345 17705	Replicate 49 final exam weight 000000.00 000082.17-159609.54	See note
1204-1212 WTPXRP50	2345 17705	Replicate 50 final exam weight 000000.00 000071.97-168153.71	See note

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
-----

TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
1213-1221		Replicate 51 final exam weight	See note
WTPXRP51	2345	000000.00	
	17705	0000057.9-158632.23	
1222-1230		Replicate 52 final exam weight	See note
WTPXRP52	2345	000000.00	
	17705	000089.06-158493.21	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
	1231	Age in months at household youth interview	See note
HYAITMO	20050	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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MEC EXAMINATION  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
	1232	Language used by sample person in MEC	See note
MXPLANG	15110	1 English	
	2450	2 Spanish	
	3	3 Other	
	2487	Blank	
	1233	Examination session for MEC	See note
MXPSESSR		examinees	
	8681	1 Morning	
	5828	2 Afternoon	
	3196	3 Evening	
	2345	Blank	
	1234-1235	Date of MEC exam time in (month)	
MXPTIMO	1584	01	
	1368	02	
	1760	03	
	1640	04	
	1522	05	
	1446	06	
	1098	07	
	1733	08	
	1500	09	
	1391	10	
	1572	11	
	1091	12	
	2345	Blank	
	1236	Day of week of MEC exam	
MXPTIDW	1882	1 Sunday	
	1687	2 Monday	
	1406	3 Tuesday	
	1769	4 Wednesday	
	3254	5 Thursday	
	3312	6 Friday	
	4395	7 Saturday	
	2345	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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MEC EXAMINATION  
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-----  
GENERAL INFORMATION  
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Positions		Item description	
SAS name	Counts	and code	Notes
1237-1240		Age in months at MEC exam	See note
MXPAXTMR	17605	0204-1079	
	106	1080 1080+ months	
	2339	Blank	

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Including demographic, family, and survey weighting data

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HOME EXAMINATION  
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-----  
GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
1241 HXPSESSR		Examination session for home examinees	See note
	203	1 Morning	
	212	2 Afternoon	
	38	3 Evening	
	4	8 Blank but applicable	
	19593	Blank	
1242-1243 HXPTIMO		Date of home exam (month)	
	45	01	
	29	02	
	33	03	
	29	04	
	42	05	
	39	06	
	34	07	
	48	08	
	47	09	
	35	10	
	59	11	
	17	12	
	19593	Blank	
1244 HXPTIDW		Day of week of home exam	
	22	1 Sunday	
	111	2 Monday	
	6	3 Tuesday	
	16	4 Wednesday	
	123	5 Thursday	
	119	6 Friday	
	60	7 Saturday	
	19593	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOME EXAMINATION  
-----

-----  
GENERAL INFORMATION  
-----

Positions SAS name	Counts	Item description and code	Notes
1245-1248		Age in months at home exam	See note
HXPAXTMR	410	0252-1079	
	47	1080 1080+ months	
	19593	Blank	

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Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
	1249	Version of household family questionnaire	See note
HFVERS	8902	1	
	1218	2	
	3392	3	
	6538	4	
	1250-1253	Interviewer number	
HFINTVR	19855	6030-8074	
	195	8888 Blank but applicable	
	1254	Language of interview for family questionnaire	See note
HFLANG	16958	1 English	
	2934	2 Spanish	
	35	3 Other	
	123	8 Blank but applicable	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION A. INDIVIDUAL CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFA6XCR	1255	In what state or foreign country was -- born?	See note
	15870	1 50 United States	
	2647	2 Mexico	
	1448	3 Other	
	77	8 Blank but applicable	
	8	9 Don't know	
HFA8R	1256-1257	What is the highest grade or year of regular school -- has completed?	See note
	519	00 Never attended or kindergarten only	
	19308	01-17	
	125	88 Blank but applicable	
	98	99 Don't know	
HFA12	1258-1259	Is -- now married, living together with someone as married, widowed, divorced, separated or has -- never been married?	
	10241	01 Married - spouse in household	
	364	02 Married - spouse not in household	
	781	03 Living as married	
	2352	04 Widowed	
	1388	05 Divorced	
	686	06 Separated	
	4135	07 Never married	
	100	88 Blank but applicable	
	3	99 Don't know	
HFA13	1260	Did -- ever serve in the armed forces of the United States?	
	2862	1 Yes	
	17016	2 No	
	170	8 Blank but applicable	
	2	9 Don't know	

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Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		Medicare is a Social Security health insurance program for certain disabled persons and for persons 65 years old and over. People covered by Medicare have a card that looks like this. HAND CARD F3.	
HFB1	1261	During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by Medicare?	See note
	6384	1 Yes	
	11626	2 No (HFB6)	
	2035	8 Blank but applicable	
	5	9 Don't know	
		ASK TO DETERMINE WHICH SPs IN FAMILY ARE COVERED. MARK BOX IN EACH COLUMN BEFORE ASKING HFB3.	
HFB2	1262	During the last month was -- covered by Medicare?	See note
	5305	1 Yes	
	1057	2 No	
	2054	8 Blank but applicable	
	3	9 Don't know	
	11631	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
		FOR EACH SAMPLE PERSON WITH "COVERED" IN HFB2, ASK HFB3	
HFB3	1263	May I please see the Medicare card(s) for -- (and --) to record the claim number and type of coverage?	See note
		TRANSCRIBE THE INFORMATION FROM THE CARD OR MARK THE "CARD NOT AVAILABLE" BOX.	
		(Type of Medicare coverage for -- )	
	499	1 Hospital only (Part A) (HFB6)	
	108	2 Medical only (Part B)	
	3281	3 Both (HFB6)	
	1354	4 Card not available	
	2093	8 Blank but applicable	
	5	9 Don't know	
	12710	Blank	
		IF "CARD NOT AVAILABLE" ASK HFB4-HFB5.	
HFB4	1264	During the last month was -- covered by the part of Medicare that pays for hospital bills?	See note
	1250	1 Yes	
	25	2 No	
	2059	8 Blank but applicable	
	55	9 Don't know	
	16661	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFB5	1265	Medicare has an optional feature that costs extra and helps pay for doctor bills. During the last month was -- covered by the part of Medicare that pays for doctor's bills?	See note
	1151	1 Yes	
	106	2 No	
	2062	8 Blank but applicable	
	70	9 Don't know	
	16661	Blank	
		There is a national program called Medicaid which pays for health care for persons in need. (In this State it is also called --.)	
HFB6	1266	During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by Medicaid (or -- )?	See note
	3632	1 Yes	
	13637	2 No (HFB8)	
	2762	8 Blank but applicable	
	19	9 Don't know	
		ASK FOR EACH SP:	
HFB7	1267	During the last month was -- covered by Medicaid?	See note
	2164	1 Yes	
	1411	2 No	
	2815	8 Blank but applicable	
	4	9 Don't know	
	13656	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
HFB8	1268	During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by CHAMPUS, CHAMPVA, the VA or military health care?	See note
	605	1 Yes	
	16629	2 No (HFB10)	
	2816	8 Blank but applicable	
		ASK FOR EACH SP:	
HFB9	1269	During the last month was -- covered by CHAMPUS, CHAMPVA, the VA or military health care?	See note
	435	1 Yes	
	144	2 No	
	2841	8 Blank but applicable	
	1	9 Don't know	
	16629	Blank	
		We are interested in all kinds of health insurance plans except those that pay only for accidents.	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFB10	1270	(Not counting Medicare, Medicaid, or Veteran's Payments) During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital stay or routine doctor's care? Include membership in a health maintenance organization.	See note
	14005	1 Yes	
	4934	2 No (HFB12)	
	1079	8 Blank but applicable	
	32	9 Don't know	

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Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		ASK HFB11-HFB11D FOR EACH SAMPLE PERSON BEFORE ASKING HFB12.	
HFB11	1271	During the last month was -- covered by one or more health insurance plans obtained privately or through an employer or union?	See note
		FOR EACH SAMPLE PERSON WITH "COVERED" IN HFB11, ASK HFB11A-HFB11D.	
	12655	1 Yes	
	1291	2 No	
	1122	8 Blank but applicable	
	16	9 Don't know	
	4966	Blank	
HFB11A	1272	Did any of these plans cover any part of hospital expenses?	See note
	12492	1 Yes	
	43	2 No	
	1137	8 Blank but applicable	
	62	9 Don't know	
	6316	Blank	
HFB11B	1273	Did any of these plans cover any part of the costs of routine doctor's care? (Versions 2, 3, and 4)	See note
	5445	1 Yes	
	442	2 No	
	48	8 Blank but applicable	
	33	9 Don't know	
	14082	Blank	
HFB11C	1274	Did any of these plans cover any part of dental care? (Versions 3 and 4)	See note
	3714	1 Yes	
	2977	2 No	
	260	8 Blank but applicable	
	116	9 Don't know	
	12983	Blank	

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Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFB11D	1275	Are any of these plans from someone's current or former employer or union? (Versions 3 and 4)	See note
	4767	1 Yes	
	1142	2 No	
	49	8 Blank but applicable	
	10	9 Don't know	
	14082	Blank	
HFB11E	1276	Is -- now covered by a plan that pays any part of doctor's or surgeon's bills for operations? (Versions 1 and 2)	See note
	6545	1 Yes	
	64	2 No	
	1093	8 Blank but applicable	
	64	9 Don't know	
	12284	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
ASK FOR EACH SP:			
HFB12	1277	Has -- ever been refused health insurance or limited in the kind of insurance coverage (he/she) could obtain because of poor health? (Versions 3 and 4)	See note
	268	1 Yes	
	9596	2 No	
	56	8 Blank but applicable	
	10	9 Don't know	
	10120	Blank	
HFB13	1278	CHECK ITEM. REVIEW RESPONSES TO HFB2, HFB7, HFB9, AND HFB11 AND MARK BOX FOR EACH SP. IF ALL COVERED, GO TO HFC1. IF NOT CONTINUE.	
	15901	1 Covered in HFB2, HFB7, HFB9, or HFB11 (HFC1)	
	3280	2 No	
	840	8 Blank but applicable	
	29	9 Don't know	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		Many people do not carry health insurance for various reasons. HAND CARD F4.	
		Which of these statements describes why -- is currently not covered by any health insurance?	
1279 HFB14AB		Unemployed, or reasons related to unemployment? (Versions 1 and 2)	See note
	129	1 Yes	
	1093	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	
1280 HFB14AC		Can't obtain insurance because of poor health, illness, or age? (Versions 1 and 2)	See note
	29	1 Yes	
	1193	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	
1281 HFB14AD		Too expensive, can't afford health insurance? (Versions 1 and 2)	See note
	1004	1 Yes	
	218	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	
1282 HFB14AE		Dissatisfied with previous insurance? (Versions 1 and 2)	See note
	16	1 Yes	
	1206	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1283	Don't believe in insurance?	See note
HFB14AF		(Versions 1 and 2)	
	16	1 Yes	
	1206	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	
	1284	Have been healthy, not much sickness in	See note
HFB14AG		the family, haven't needed health	
		insurance? (Versions 1 and 2)	
	121	1 Yes	
	1101	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	
	1285	Some other reason? (Versions 1 and 2)	See note
HFB14AI			
	95	1 Yes	
	1127	2 No	
	816	8 Blank but applicable	
	13	9 Don't know	
	17999	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1286 HFB14BA		Refused insurance for health reasons (Versions 3 and 4)	See note
	34	1 Yes	
	1982	2 No	
	58	8 Blank but applicable	
	24	9 Don't know	
	17952	Blank	
1287 HFB14BB		Not employed - can't afford insurance premiums? (Versions 3 and 4)	See note
	721	1 Yes	
	1295	2 No	
	58	8 Blank but applicable	
	24	9 Don't know	
	17952	Blank	
1288 HFB14BC		Not employed - lost job, did not continue insurance? (Versions 3 and 4)	See note
	150	1 Yes	
	1866	2 No	
	58	8 Blank but applicable	
	24	9 Don't know	
	17952	Blank	
1289 HFB14BD		Employed but employer does not offer insurance? (Versions 3 and 4)	See note
	558	1 Yes	
	1458	2 No	
	58	8 Blank but applicable	
	24	9 Don't know	
	17952	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1290 HFB14BE	165 1851 58 24 17952	Employed and employer offers insurance, but -- is not eligible for insurance (for example because of working only part-time)? (Versions 3 and 4) 1 Yes 2 No 8 Blank but applicable 9 Don't know Blank	See note
1291 HFB14BF	199 1817 58 24 17952	Employed, employer offers insurance, and -- is eligible, but can't afford employee part of premium? (Versions 3 and 4) 1 Yes 2 No 8 Blank but applicable 9 Don't know Blank	See note
1292 HFB14BG	73 1943 58 24 17952	Don't believe in, don't think can get, or haven't needed health insurance? (Versions 3 and 4) 1 Yes 2 No 8 Blank but applicable 9 Don't know Blank	See note
1293 HFB14BH	250 1766 58 24 17952	Some other reason? (Versions 3 and 4) 1 Yes 2 No 8 Blank but applicable 9 Don't know Blank	See note

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1294-1295 HFB16A		What is the main reason -- is currently not covered by any health insurance? (Versions 1 and 2)	See note
	26	02 Unemployment, or reasons related to unemployment	
	6	03 Can't obtain insurance because of poor health, illness, or age	
	93	04 Too expensive, can't afford health insurance	
	2	05 Dissatisfied with previous insurance	
	2	06 Don't believe in insurance	
	38	07 Have been healthy, not much sickness in the family, haven't needed health insurance	
	18	09 Some other reason	
	1023	55 Only one reason given in HFB14	
	830	88 Blank but applicable	
	13	99 Don't know	
	17999	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1296-1297 HFB16B		What is the main reason -- is currently not covered by any health insurance? (Versions 3 and 4)	See note
	5	02 Refused insurance for health reasons	
	22	03 Not employed - can't afford insurance premiums	
	8	04 Not employed - lost job, did not continue insurance	
	22	05 Employed but employer does not offer insurance	
	8	06 Employed and employer offers insurance but -- is not eligible for insurance (for example because of only working part-time)	
	8	07 Employed, employer offers insurance and -- is eligible, but can't afford employee part of premium	
	11	09 Don't believe in, don't think can get or haven't needed health insurance	
	21	10 Some other reason	
	22	11 Can't afford premiums, employment not mentioned	
	1885	55 Only one reason given in HFB14	
	62	88 Blank but applicable	
	24	99 Don't know	
	17952	Blank	
1298 HFB17		Is -- covered by health insurance that pays any part of dental care? (Version 1)	See note
	3284	1 Yes	
	5298	2 No	
	94	8 Blank but applicable	
	226	9 Don't know	
	11148	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HFC1	1299	CHECK ITEM. REFER TO AGE OF SAMPLE PERSON AND MARK BOX.	See note
	20050	1 17+ years old (HFD1)  Now I have some questions about --'s biological parents.	
HFC2S	1300	How much (does --'s mother/do you) weigh? (pounds)	See note
	20050	Blank	
HFC3S	1301	How tall (is --'s mother/are you)? (inches)	See note
	20050	Blank	
HFC4S	1302	How much (does --'s father/do you) weigh? (pounds)	See note
	20050	Blank	
HFC5S	1303	How tall (is --'s father/are you)? (inches)	See note
	20050	Blank	

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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6A	1304 20050	High blood pressure or stroke before the age of 50? Blank	
HFC6A1	1305 20050	Which, --'s biological parent Blank	

NHANES III Household Adult Data File  
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6B	1306 20050	Heart attack or angina before the age of 50? Blank	
HFC6B1	1307 20050	Which, --'s biological parent Blank	

NHANES III Household Adult Data File  
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
	1308	High blood cholesterol at any age?	
HFC6C	20050	Blank	
	1309	Which, --'s biological parent	
HFC6C1	20050	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6D	1310 20050	Asthma or hay fever at any age? Blank	
HFC6D1	1311 20050	Which, --'s biological parent Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6E	1312 20050	Diabetes at any age? Blank	
HFC6E1	1313 20050	Which, --'s biological parent Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
HFC7S	1314 20050	How long has -- lived at this address? (weeks) Blank	See note
HFC8S	1315 20050	How long has -- lived in this (city/town/area)? (weeks) Blank	See note
HFC9	1316 20050	How many times has -- moved? Blank	
HFC10	1317 20050	In what country (was --'s mother/were you) born? Blank	
HFC11	1318 20050	In what country (was --'s father/were you) born? Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1319	CHECK ITEM.	
HFD1	18688	1 Family reference person is a sample person (HFE1)	
	1262	2 Family reference person is not a sample person	
	28	3 Family reference person is active military living at home (HFD10)	
	72	8 Blank but applicable	
HFD2	1320	During past 2 weeks, did -- work at any time at a job or business, not counting work around the house?	
		INCLUDE UNPAID WORK IN THE FAMILY FARM OR BUSINESS.	
	871	1 Yes (HFD9)	
	343	2 No	
	120	8 Blank but applicable	
	18716	Blank	
HFD3	1321	Even though -- did not work during those 2 weeks, did -- have a job or business?	
	20	1 Yes	
	323	2 No	
	120	8 Blank but applicable	
	19587	Blank	
HFD4	1322	Was -- looking for work or on layoff from a job?	
	38	1 Yes	
	305	2 No (HFD6)	
	120	8 Blank but applicable	
	19587	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
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Positions SAS name	Counts	Item description and code	Notes
	1323	Which, looking for work or on layoff from a job?	
HFD5	23	1 Looking (HFD8)	
	11	2 Layoff (HFD9)	
	4	3 Both (HFD9)	
	120	8 Blank but applicable	
	19892	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1324-1325 HFD9R		What kind of business or industry is this? (For example, TV and radio manufacturing, retail shoe store, State Labor Department, farm.)	See note
	29	01 Agriculture production	
	9	02 Agricultural services, forestry, and fishing	
	17	03 Mining	
	79	04 Construction	
	26	05 Food and kindred products	
	5	06 Textile mill products	
	4	07 Apparel and other finished textile products	
	18	08 Paper products, printing, publishing, and allied industries	
	14	09 Chemicals, petroleum, and coal products	
	15	10 Rubber, plastics, and leather products	
	7	11 Lumber and wood products, including furniture	
	24	12 Metal industries	
	15	13 Machinery, except electrical	
	12	14 Electrical machinery, equipment, and supplies	
	47	15 Transportation equipment	
	21	16 Miscellaneous and not specified manufacturing industries	
	23	17 Trucking service	
	29	18 Transportation, except trucking	
	14	19 Communications	
	22	20 Utilities	
	17	21 Wholesale trade, durable goods	
	21	22 Wholesale trade, nondurable and not specified goods	
	6	23 Department stores	
	27	24 Food stores	
	13	25 Vehicle dealers, supply and service stores	
	2	26 Apparel and accessory stores	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	41	27 Eating and drinking places	
	24	28 Other retail trade	
	14	29 Banking and other finance	
	22	30 Insurance and real estate	
	37	31 Business services	
	11	32 Repair services	
	7	33 Private households	
	16	34 Lodging places	
	6	35 Personal services, except private households and lodging	
	12	36 Entertainment and recreation services	
	7	37 Offices of health practitioners	
	19	38 Hospitals	
	17	39 Health services, n. e. c.	
	45	40 Educational services	
	10	41 Social services	
	29	42 Other professional and related services	
	14	43 Justice, public order, and safety	
	38	44 Public administration, except justice, public order, and safety	
	159	88 Blank but applicable	
	19006	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1326-1327 HFD10R		What kind of work was -- doing? (For example, electrical engineer, stock clerk, typist, farmer.)	See note
	83	01 Executive, administrators, and managers	
	25	02 Management related occupations	
	35	03 Engineers and scientists	
	12	04 Health diagnosing, assessment, and treating occupations	
	16	05 Teachers	
	9	06 Writers, artists, entertainers, and athletes	
	22	07 Other professional specialty occupations	
	36	08 Technicians and related support occupations	
	30	09 Supervisors and proprietors, sales occupations	
	25	10 Sales representatives, finance, business, and, commodities except retail	
	24	11 Sales workers, retail and personal services	
	14	12 Secretaries, stenographers, and typists	
	1	13 Information clerks	
	10	14 Records processing occupations	
	12	15 Material recording, scheduling, and distributing clerks	
	37	16 Miscellaneous administrative support occupations	
	4	17 Private household occupations	
	12	18 Protective service occupations	
	5	19 Waiters and waitresses	
	23	20 Cooks	
	13	21 Miscellaneous food preparation and service occupations	
	17	22 Health service occupations	
	23	23 Cleaning and building service occupations	
	10	24 Personal service occupations	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	24	25 Farm operators, managers, and supervisors	
	4	26 Farm and nursery workers	
	17	27 Related agricultural, forestry, and fishing occupations	
	26	28 Vehicle and mobile equipment mechanics and repairers	
	44	29 Other mechanics and repairers	
	54	30 Construction trades	
	33	31 Extractive and precision production occupations	
	1	32 Textile, apparel, and furnishings machine operators	
	52	33 Machine operators, assorted materials	
	24	34 Fabricators, assemblers, inspectors, and samplers	
	46	35 Motor vehicle operators	
	21	36 Other transportation and material moving occupations	
	15	37 Construction laborers	
	24	38 Laborers, except construction	
	19	39 Freight, stock, and material movers, hand	
	2	40 Other handlers, equipment cleaners, and handlers	
	122	88 Blank but applicable	
	46	99 Don't know	
	18978	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
COMPLETE FROM ENTRIES IN QUESTIONS HFD7 THRU HFD11. IF NOT CLEAR ASK:			
1328-1329		Class of worker	See note
HFD12	633	01 Private company	
	58	02 Federal government	
	46	03 State government	
	55	04 Local government	
	27	05 Self employed - incorporated	
	80	06 Self employed - not incorporated	
	67	08 Armed forces	
	103	88 Blank but applicable	
	3	99 Don't know	
	18978	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFE1	1330	When was this (house/structure) originally built? (Was it ...?)	See note
	4357	1 Before 1946	
	8885	2 1946-1973	
	4585	3 1974 to present	
	718	8 Blank but applicable	
	1505	9 Don't know	
HFE2	1331-1332	How many rooms are in this home? Count the kitchen but not the bathroom.	
	19927	01-18	
	113	88 Blank but applicable	
	10	99 Don't know	
HFE3	1333-1335	How long has your family lived at this address? (years)	
	16749	001-098	
	3048	777 Less than one year	
	232	888 Blank but applicable	
	21	999 Don't know	
HFE4	1336	Is your home drinking water bottled or from the tap (faucet)?	
	2443	1 Bottled (HFE7)	
	17518	2 Tap	
	88	8 Blank but applicable	
	1	9 Don't know	
HFE5	1337	What is the source of your home tap water?	
	15374	1 Private or public water company	
	1986	2 Private or public well or cistern	
	51	3 Spring	
	95	8 Blank but applicable	
	101	9 Don't know	
	2443	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFE6	1338	Does your home drinking water have a water softening or conditioning system? This includes both systems at the (tap/ faucet) and systems for the entire home.	
	1612	1 Yes	
	15337	2 No	
	94	8 Blank but applicable	
	564	9 Don't know	
	2443	Blank	
HFE7	1339	Do any pets live in this home?	
	6495	1 Yes	
	13480	2 No (HFE9)	
	75	8 Blank but applicable	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1340	What kind of pet lives here . . .	
HFE8A		A dog?	
	4093	1 Yes	
	2395	2 No	
	82	8 Blank but applicable	
	13480	Blank	
	1341	A cat?	
HFE8B		1 Yes	
	2708	2 No	
	3780	8 Blank but applicable	
	82	Blank	
	13480		
	1342	A bird?	
HFE8C		1 Yes	
	825	2 No	
	5663	8 Blank but applicable	
	82	Blank	
	13480		
	1343	A fish?	
HFE8D		1 Yes	
	750	2 No	
	5738	8 Blank but applicable	
	82	Blank	
	13480		
	1344	Any other pet?	
HFE8E		1 Rodent	
	191	2 Rabbit	
	102	3 Reptile	
	78	4 Farm pet	
	35	5 Other	
	28	8 Blank but applicable	
	82	Blank	
	19534		

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFE9	1345	During the past 12 months was a furnace that forces out hot air used to heat this place?	
	13603	1 Yes	
	6277	2 No (HFE11)	
	80	8 Blank but applicable	
	90	9 Don't know (HFE11)	
HFE10	1346	Was the hot-air furnace fueled by oil, by gas, by electricity, or by something else?	
	1211	1 Oil	
	9153	2 Gas	
	2964	3 Electricity	
	41	4 Other	
	54	5 Propane	
	100	8 Blank but applicable	
	160	9 Don't know	
	6367	Blank	
HFE11	1347	During the past 12 months was one or more space heaters used to heat this place? We are interested only in heaters that are not vented to the outside.	
	4519	1 Yes	
	15375	2 No (HFE13)	
	92	8 Blank but applicable	
	64	9 Don't know (HFE13)	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1348-1349 HFE12		Was the room or space heater fueled by electricity, kerosene, propane, or by something else?	
	2431	01 Electricity	
	600	02 Kerosene	
	342	03 Propane	
	1086	04 Natural gas	
	30	05 Oil	
	27	06 Gasoline	
	93	88 Blank but applicable	
	2	99 Don't know	
	15439	Blank	
1350 HFE13		During the past 12 months was one or more wood stoves used here?	
	1238	1 Yes	
	18715	2 No	
	81	8 Blank but applicable	
	16	9 Don't know	
1351 HFE14		During the past 12 months was one or more fireplaces used here?	
	2978	1 Yes	
	16965	2 No	
	93	8 Blank but applicable	
	14	9 Don't know	
1352 HFE15		Is a gas stove or oven used for cooking at this place?	
	11014	1 Yes	
	8950	2 No (HFF1)	
	84	8 Blank but applicable	
	2	9 Don't know (HFF1)	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFE16	1353	Is there an exhaust fan near this stove that sends fumes outside the house?	
	5678	1 Yes	
	5332	2 No (HFE18)	
	84	8 Blank but applicable	
	6	9 Don't know (HFE18)	
	8950	Blank	
HFE17	1354	When the stove or oven is being used, how often is this exhaust fan used? Would you say it is used always, sometimes, rarely, or never?	
	2334	1 Always	
	2177	2 Sometimes	
	714	3 Rarely	
	434	4 Never	
	84	8 Blank but applicable	
	25	9 Don't know	
	14282	Blank	
HFE18	1355	During the past 12 months was the stove or oven ever used to heat this place?	
	1594	1 Yes	
	9337	2 No	
	115	8 Blank but applicable	
	54	9 Don't know	
	8950	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFF1	1356	Does anyone who lives here smoke cigarettes in the home?	
	7075	1 Yes	
	12886	2 No (HFF4)	
	89	8 Blank but applicable	
HFF2R	1357-1358	Total number of persons who smoke cigarettes in the home.	See note
	12886	00 No smokers in the home	
	4476	01	
	2001	02	
	422	03	
	100	04	
	36	05	
	40	06	
	89	88 Blank but applicable	
HFF3A	1359-1361	How many cigarettes a day does person 1 usually smoke in the home?	
	6992	001-080	
	3	777 Less than 1 cigarette	
	89	888 Blank but applicable	
	80	999 Don't know	
	12886	Blank	
HFF3B	1362-1364	How many cigarettes a day does person 2 usually smoke in the home?	
	2559	001-060	
	89	888 Blank but applicable	
	40	999 Don't know	
	17362	Blank	
HFF3C	1365-1367	How many cigarettes a day does person 3 usually smoke in the home?	
	585	001-080	
	89	888 Blank but applicable	
	13	999 Don't know	
	19363	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
1368-1370 HFF3D		How many cigarettes a day does person 4 usually smoke in the home?	
	21	001	
	12	002	
	10	003	
	5	004	
	23	005	
	26	006	
	46	010	
	5	015	
	22	020	
	1	040	
	89	888 Blank but applicable	
	5	999 Don't know	
	19785	Blank	
1371-1373 HFF3E		How many cigarettes a day does person 5 usually smoke in the home?	
	5	001	
	6	003	
	5	005	
	14	006	
	5	009	
	30	010	
	1	015	
	10	020	
	89	888 Blank but applicable	
	19885	Blank	
1374-1376 HFF3F		How many cigarettes a day does person 6 usually smoke in the home?	
	2	001	
	2	006	
	32	010	
	4	015	
	89	888 Blank but applicable	
	19921	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
		Which one of the following statements best describes the food eaten by (you/ your family)?	
HFF4	1377	Do you have enough food to eat, sometimes not enough to eat, or often not enough to eat?	See note
	18717	1    Enough food to eat (HFF7)	
	1108	2    Sometimes not enough food to eat	
	134	3    Often not enough to eat	
	91	8    Blank but applicable	
HFF5	1378-1379	Thinking about the past month, how many days did (you/your family) have no food or money to buy food?	See note
	362	00   None (HFF7)	
	849	01-30	
	99	88   Blank but applicable	
	23	99   Don't know	
	18717	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
		Which of the following reasons explains why (you have/your family has) had this problem?	
	1380	Because of transportation problems?	See note
HFF6A	70	1 Yes	
	805	2 No	
	96	8 Blank but applicable	
	19079	Blank	
	1381	Because you did not have working appliances for storing or preparing foods (such as stove or refrigerator)?	See note
HFF6B	20	1 Yes	
	855	2 No	
	96	8 Blank but applicable	
	19079	Blank	
	1382	Because you did not have enough money, food stamps, or WIC vouchers to buy food or beverages?	See note
HFF6C	851	1 Yes	
	24	2 No	
	96	8 Blank but applicable	
	19079	Blank	
	1383	Any other reason?	See note
HFF6D	34	1 Yes	
	840	2 No	
	97	8 Blank but applicable	
	19079	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
	1384	Thinking about the past month, did (you/	See note
HFF7		adult members of your family) ever cut	
		the size of your meals because there was	
		not enough money or food?	
		(Versions 3 and 4)	
	867	1 Yes	
	9022	2 No	
	41	8 Blank but applicable	
	10120	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
		REFER TO SCREENER. IF CHILDREN LESS THAN AGE 17 ASK THIS, OTHERWISE SKIP TO F9.	
HFF8	1385	Thinking about the past month, did you cut the size of your children's meals or did they skip meals because there was not enough money for food? (Versions 3 and 4)	See note
	233	1 Yes	
	3984	2 No	
	47	8 Blank but applicable	
	15786	Blank	
HFF9	1386	Did (you/any member of this family) receive benefits from the WIC program, that is, the Women, Infants, and Children program in (NAME OF LAST MONTH)?	See note
	1495	1 Yes	
	18447	2 No	
	107	8 Blank but applicable	
	1	9 Don't know	
HFF10	1387	Did (you/any member of this family) receive food stamps in any of the last 12 months?	See note
	3017	1 Yes	
	16910	2 No (HFF12A)	
	107	8 Blank but applicable	
	16	9 Don't know (HFF12A)	
HFF11	1388	(Are you/Is your family) receiving food stamps at the present time?	See note
	2750	1 Yes	
	263	2 No	
	108	8 Blank but applicable	
	3	9 Don't know	
	16926	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
		The following questions are about different types of family income. We ask them to see if there is a relationship between family income and health.	
HFF12A	1389	During the last month, did anyone in the family receive income from working for an employer or from self-employment? (Versions 3 and 4)	See note
	6969	1 Yes	
	2917	2 No (HFF13A)	
	43	8 Blank but applicable	
	1	9 Don't know (HFF13A)	
	10120	Blank	
HFF12B	1390	During the last month, did -- receive income from working for an employer or from self-employment? (Versions 3 and 4)	See note
	5141	1 Yes	
	1826	2 No	
	45	8 Blank but applicable	
	13038	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HFF13A	1391	During the last month, did anyone in the family receive Social Security or Railroad Retirement payments?	See note
	6992	1 Yes	
	7168	2 No (HFF14A)	
	5880	8 Blank but applicable	
	10	9 Don't know (HFF14A)	
HFF13B	1392	During the last month, did -- receive Social Security or Railroad Retirement payments?	See note
	5641	1 Yes	
	1314	2 No	
	5915	8 Blank but applicable	
	2	9 Don't know	
	7178	Blank	
HFF13DA	1393	What is the reason -- is getting Social Security or Railroad Retirement? Is it because -- is retired, disabled, widowed, a surviving child, a spouse or a dependent child? (Versions 1 and 2)	See note
	140	1 Retired	
	173	2 Disabled	
	64	3 Widowed or surviving child	
	26	4 Spouse or dependent child	
	13	5 Some other reason	
	5851	8 Blank but applicable	
	4	9 Don't know	
	13779	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
1394-1395 HFF13DB		What is the reason -- is getting Social Security or Railroad Retirement? Is it because -- is retired, disabled, widowed, a surviving child, a spouse or a dependent child? (Versions 3 and 4)	See note
	170	01 Retired	
	182	02 Disabled	
	37	03 Widowed	
	15	04 Surviving child	
	17	05 Spouse	
	6	06 Dependent child	
	47	88 Blank but applicable	
	2	99 Don't know	
	19574	Blank	
1396 HFF13E		Sometimes people get Social Security for more than one reason. Is there another reason -- receives Social Security? (Versions 1 and 2)	See note
	20	1 Retired	
	21	2 Disabled	
	3	3 Widowed or surviving child	
	2	4 Spouse or dependent child	
	348	5 No other reason	
	5872	8 Blank but applicable	
	5	9 Don't know	
	13779	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HFF14A	1397	During the last month, did anyone in the family receive any SSI (Supplemental Security Income) payments from the Federal Government?	See note
	1319	1 Yes	
	15662	2 No (HFF15A)	
	3053	8 Blank but applicable	
	16	9 Don't know (HFF15A)	
HFF14B	1398	During the last month, did -- receive any SSI (Supplemental Security Income) payments from the Federal Government?	See note
	833	1 Yes	
	468	2 No	
	3070	8 Blank but applicable	
	1	9 Don't know	
	15678	Blank	
HFF14D	1399	Did -- also receive a separate SSI payment from the State or Local welfare office during the past 4 months? (Versions 1 and 2)	See note
	107	1 Yes	
	265	2 No	
	3164	8 Blank but applicable	
	34	9 Don't know	
	16480	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HFF15A	1400	During the last month, did anyone in the family receive any pension or disability payment other than Social Security or Railroad Retirement? (Versions 3 and 4)	See note
	1616	1 Yes	
	8260	2 No (HFF16A)	
	49	8 Blank but applicable	
	5	9 Don't know (HFF16A)	
	10120	Blank	
HFF15B	1401	During the last month, did -- receive any pension or disability payment other than Social Security or Railroad Retirement? (Versions 3 and 4)	See note
	1070	1 Yes	
	544	2 No	
	51	8 Blank but applicable	
	18385	Blank	

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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HFF16A	1402	During the last month, did anyone in the family receive Public assistance or welfare payments from the State or Local welfare office? Do not include SSI. (Versions 3 and 4)	See note
	878	1 Yes	
	9003	2 No (HFF17A)	
	45	8 Blank but applicable	
	4	9 Don't know (HFF17A)	
	10120	Blank	
HFF16B	1403	During the last month, did -- receive Public assistance or welfare payments from the State or Local welfare office? Do not include SSI. (Versions 3 and 4)	See note
	448	1 Yes	
	420	2 No	
	55	8 Blank but applicable	
	19127	Blank	
HFF16D	1404	During the last month, did anyone in the family receive "Aid to Families with Dependent Children", sometimes called AFDC or ADC? (Versions 2, 3, and 4)	See note
	668	1 Yes	
	1415	2 No (HFF17A)	
	52	8 Blank but applicable	
	6	9 Don't know (HFF17A)	
	17909	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HFF16E	1405	During the last month, did -- receive "Aid to Families with Dependent Children", sometimes called AFDC or ADC? (Versions 2, 3, and 4)	See note
	271	1 Yes	
	394	2 No	
	55	8 Blank but applicable	
	19330	Blank	
HFF17A	1406	During the last month, did anyone in the family receive income from any other source such as veteran's payments, workman's compensation, rental income, interest and dividend income, or child support and alimony? (Versions 3 and 4)	See note
	2060	1 Yes	
	7815	2 No (HFF18)	
	49	8 Blank but applicable	
	6	9 Don't know (HFF18)	
	10120	Blank	
HFF17B	1407	During the last month, did -- receive income from any other source such as veteran's payments, workman's compensation, rental income, interest and dividend income, or child support and alimony? (Versions 3 and 4)	See note
	1510	1 Yes	
	550	2 No	
	49	8 Blank but applicable	
	17941	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
HFF18	1408	Including wages, salaries, self-employment, and any other source of income we just talked about, was the total combined family income during the last 12 months - (that is, yours, READ THE NAMES OF ALL FAMILY MEMBERS, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME) - more or less than \$20,000?	
	55	0 No income (HFF21)	
	9709	1 Less than \$20,000	
	9818	2 \$20,000 or more	
	306	8 Blank but applicable	
	162	9 Don't know	

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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		READ PARENTHETICAL PHRASE IF ARMED FORCES MEMBER LIVING AT HOME OR IF NECESSARY.	
1409-1410 HFF19R		Of those income groups, which letter best represents the total combined family income during the last 12 months (that is yours, READ NAMES, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME)? Include all sources of income we just talked about.	See note
	55	00 No income	
	166	01 Less than \$1000 (including loss)	
	147	02 \$ 1,000 - 1,999	
	180	03 \$ 2,000 - 2,999	
	201	04 \$ 3,000 - 3,999	
	363	05 \$ 4,000 - 4,999	
	452	06 \$ 5,000 - 5,999	
	508	07 \$ 6,000 - 6,999	
	589	08 \$ 7,000 - 7,999	
	468	09 \$ 8,000 - 8,999	
	534	10 \$ 9,000 - 9,999	
	572	11 \$10,000 - 10,999	
	376	12 \$11,000 - 11,999	
	753	13 \$12,000 - 12,999	
	457	14 \$13,000 - 13,999	
	471	15 \$14,000 - 14,999	
	561	16 \$15,000 - 15,999	
	363	17 \$16,000 - 16,999	
	443	18 \$17,000 - 17,999	
	498	19 \$18,000 - 18,999	
	546	20 \$19,000 - 19,999	
	1716	21 \$20,000 - 24,999	
	1342	22 \$25,000 - 29,999	
	1209	23 \$30,000 - 34,999	
	903	24 \$35,000 - 39,999	
	843	25 \$40,000 - 44,999	
	698	26 \$45,000 - 49,999	
	2482	27 \$50,000 and over	
	640	88 Blank but applicable	

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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
	1514	99 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		HAND CARD F7	
1411-1412 HFF20R		Now, please think about your family income during (NAME LAST MONTH). Which letter best represents the total family income during (NAME OF LAST MONTH) (that is yours, READ NAMES, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME)? Again, include all sources of income we just talked about.	See note
	55	00 No income	
	267	01 Less than \$100 (including loss)	
	217	02 \$100 - 199	
	321	03 \$200 - 299	
	436	04 \$300 - 399	
	675	05 \$400 - 499	
	693	06 \$500 - 599	
	823	07 \$600 - 699	
	836	08 \$700 - 799	
	744	09 \$800 - 899	
	618	10 \$900 - 999	
	978	11 \$1000 - 1099	
	592	12 \$1100 - 1199	
	885	13 \$1200 - 1299	
	459	14 \$1300 - 1399	
	550	15 \$1400 - 1499	
	1146	16 \$1500 - 1799	
	1690	17 \$1800 - 2199	
	1979	18 \$2200 - 2999	
	1696	19 \$3000 - 3999	
	2230	20 \$4000 and over	
	679	88 Blank but applicable	
	1481	99 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

DATA FOR FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1413-1417 HFHSEQN		Sequence number for family reference person	See note
	18687	00010-53620	
	72	88888 Blank but applicable	
	1291	Blank	
1418-1420 HFHAGER		Age of family reference person (years)	See note
	19752	017-089	
	164	090 90+	
	134	888 Blank but applicable	
1421 HFHSEX		Sex of family reference person	See note
	13870	1 Male	
	6056	2 Female	
	124	8 Blank but applicable	
1422 HFHFIPCR		Code for birthplace of family reference person	See note
	15630	1 50 United States	
	2705	2 Mexico	
	1532	3 Other	
	172	8 Blank but applicable	
	11	9 Don't know	
1423-1424 HFHEDUCR		Highest grade family reference person completed	See note
	564	00 Never attended or kindergarten only	
	19208	01-17	
	163	88 Blank but applicable	
	115	99 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

DATA FOR FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1425 HFHEMPL		During past 2 weeks did family reference person work at any time at a job or business, not counting work around the house; or, even though family reference person did not work during those 2 weeks, did family reference person have a job or business?	See note
	11741	1 Yes	
	7682	2 No	
	627	8 Blank but applicable	
1426-1427 HFHMRST		Marital status of family reference person	
	11777	01 Married - spouse in household	
	352	02 Married - spouse not in household	
	815	03 Living as married	
	2471	04 Widowed	
	1602	05 Divorced	
	789	06 Separated	
	2113	07 Never married	
	5	55 Under 14 years	
	119	88 Blank but applicable	
	7	99 Don't know	
1428 HFHMLSV		Military service of family reference person	
	4691	1 Yes, ever served in armed forces	
	15157	2 No, never served in armed forces	
	5	3 Under 17 years	
	192	8 Blank but applicable	
	5	9 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

DATA FOR RESPONDENT TO FAMILY QUESTIONNAIRE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1429-1430 HFRELR		Relationship of respondent to family reference person	See note
	2853	01 Family reference person living alone	
	382	02 Unrelated individual	
	8437	03 Family reference person living with other family members	
	5569	04 Wife (husband non-military)	
	38	05 Wife (husband in military)	
	285	06 Husband (wife non-military)	
	1009	08 Child or spouse of child	
	56	09 Grandchild or spouse of grandchild	
	197	10 Parent or spouse of parent	
	447	11 Other relative (i.e. in-law)	
	777	88 Blank but applicable	
1431-1433 HFAGERR		Age in years of respondent to HFQ	See note
	19119	017-089	
	137	090 90+	
	794	888 Blank but applicable	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

GENERAL INFORMATION  
-----

Positions SAS name	Counts	Item description and code	Notes
	1434	Phase and version of household adult questionnaire	
HAVERS	10120	1 Phase 1, years 1, 2, & 3	
	3392	3 Phase 2, year 4	
	6538	4 Phase 2, years 5 & 6	
	1435-1438	Interviewer number	
HAINTVR	19508	6030-7106	
	542	8888 Blank but applicable	
	1439	Language of household adult interview	
HALANG	16960	1 English	
	2969	2 Spanish	
	71	3 Other	
	50	8 Blank but applicable	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION A. ORIENTATION  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAA1	1440	Did you receive an introductory letter in the mail about our survey?	
	9693	1 Yes	
	9489	2 No	
	8	8 Blank but applicable	
	860	9 Don't know	
HAA2	1441	Did you hear about the survey in any other way?	
	3384	1 Yes	
	16645	2 No	
	19	8 Blank but applicable	
	2	9 Don't know	
HAA2A	1442-1443	Other way heard about the survey	
	946	01 Newspaper	
	296	02 Television	
	593	03 Interviewer	
	456	04 Another family member	
	508	05 Other	
	585	88 Blank but applicable	
	16666	Blank	
HAA3	1444	CHECK ITEM. REFER TO AGE OF SP.	
	13673	1 Under 60 years or proxy respondent (HAB1)	
	6377	2 60 + years	
HAA4	1445	First, I need to verify some information.	See note
		What is today's date?	
	4657	1 Gave correct date	
	1140	2 Gave incorrect date	
	379	8 Blank but applicable	
	201	9 Don't know	
	13673	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION A. ORIENTATION  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1446	What is the day of the week?	See note
HAA5	5944	1 Correct	
	134	2 Off by one day	
	81	3 Off by more than one day	
	188	8 Blank but applicable	
	30	9 Don't know	
	13673	Blank	
		What is your complete street address?	
		PROBE FOR CITY/TOWN, STATE OR ZIP CODE IF MISSING.	
		IF MAILING ADDRESS GIVEN, CODE AS CORRECT.	
	1447	Street address	See note
HAA6A	2888	1 Correct	
	153	2 Error	
	3334	8 Blank but applicable	
	2	9 Don't know	
	13673	Blank	
	1448	City/Town	See note
HAA6B	2989	1 Correct	
	56	2 Error	
	3331	8 Blank but applicable	
	1	9 Don't know	
	13673	Blank	
	1449	State	See note
HAA6C	2978	1 Correct	
	64	2 Error	
	3334	8 Blank but applicable	
	1	9 Don't know	
	13673	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION A. ORIENTATION  
-----

Positions SAS name	Counts	Item description and code	Notes
	1450	Zip Code	See note
HAA6D	2642	1 Correct	
	396	2 Error	
	3338	8 Blank but applicable	
	1	9 Don't know	
	13673	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION B. HEALTH SERVICES  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAB1	1451	Would you say your health in general is excellent, very good, good, fair, or poor?	
	3070	1    Excellent	
	4743	2    Very good	
	7191	3    Good	
	3992	4    Fair	
	1041	5    Poor	
	6	8    Blank but applicable	
	7	9    Don't know	
HAB2	1452	Is there a particular clinic, health center, doctor's office, or other place that you usually go to if you are sick, need advice about your health, or for routine care?	
	15517	1    Yes	
	4529	2    No (HAB4)	
	3	8    Blank but applicable	
	1	9    Don't know	
HAB3	1453	Is there one particular doctor or health professional you usually see?	
	12925	1    Yes	
	2583	2    No	
	11	8    Blank but applicable	
	1	9    Don't know	
	4530	Blank	
HAB4	1454-1455	During the past 12 months, how many different times did you stay in the hospital overnight or longer?	
	17097	00   None	
	2893	01-20	
	55	88   Blank but applicable	
	5	99   Don't know	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION B. HEALTH SERVICES  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1456-1458 HAB5		During the past 12 months, about how many times did you see or talk to a medical doctor or assistant? (Do not count doctors seen while an overnight patient in a hospital.)	
	4642	000 None	
	15242	001-099	
	111	888 Blank but applicable	
	55	999 Don't know	
1459-1462 HAB6S		About how long has it been since you last saw or talked to a medical doctor or other health professional about your health? Include health professionals seen while a patient in a hospital. (months)	See note
	62	0000 Never	
	14941	0001-0636	
	4856	7777 Less than 1 month	
	103	8888 Blank but applicable	
	88	9999 Don't know	
1463-1464 HAB7		IF UNDER 60 YEARS OLD, MARK BOX, OTHERWISE ASK:	
		During the past 12 months, about how many times have you been in a nursing or convalescent home?	
	6459	00 None	
	48	01	
	34	02	
	13454	55 Under 60 years	
	54	88 Blank but applicable	
	1	99 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAC1A	1465	Has a doctor ever told you that you had ...	
		IF "YES," ASK C2 AND C3 BEFORE GOING TO NEXT CONDITION.	
		Arthritis?	
	4298	1 Yes (HAC3AR)	
	15748	2 No (HAC1C)	
	4	9 Don't know	
HAC1B	1466	Which type of arthritis was it? Was it rheumatoid arthritis or osteoarthritis?	
	840	1 Rheumatoid arthritis	
	825	2 Osteoarthritis	
	59	8 Blank but applicable	
	2574	9 Don't know	
	15752	Blank	
HAC1C	1467	Has a doctor ever told you that you had congestive heart failure?	
	757	1 Yes (HAC3CR)	
	19265	2 No (HAC1D)	
	1	8 Blank but applicable	
	27	9 Don't know	
HAC1D	1468	Has a doctor ever told you that you had a stroke?	
	649	1 Yes (HAC3DR)	
	19393	2 No (HAC1E)	
	1	8 Blank but applicable	
	7	9 Don't know	
HAC1E	1469	Has a doctor ever told you that you had asthma?	
	1376	1 Yes (HAC2E)	
	18672	2 No (HAC1F)	
	1	8 Blank but applicable	
	1	9 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAC1F	1470	Has a doctor ever told you that you had chronic bronchitis?	
	1134	1 Yes (HAC2F)	
	18914	2 No (HAC1G)	
	2	9 Don't know	
HAC1G	1471	Has a doctor ever told you that you had emphysema?	
	430	1 Yes (HAC3GR)	
	19614	2 No (HAC1H)	
	1	8 Blank but applicable	
	5	9 Don't know	
HAC1H	1472	Has a doctor ever told you that you had hay fever?	
	1773	1 Yes (HAC2H)	
	18272	2 No (HAC1I)	
	3	8 Blank but applicable	
	2	9 Don't know	
HAC1I	1473	Has a doctor ever told you that you had cataracts?	
	2427	1 Yes (HAC3IR)	
	17610	2 No (HAC1J)	
	2	8 Blank but applicable	
	11	9 Don't know	
HAC1J	1474	Has a doctor ever told you that you had goiter?	
	285	1 Yes (HAC2J)	
	19759	2 No (HAC1K)	
	1	8 Blank but applicable	
	5	9 Don't know	
HAC1K	1475	Has a doctor ever told you that you had other thyroid disease?	
	704	1 Yes (HAC2K)	
	19342	2 No (HAC1L)	
	4	9 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAC1L	1476	Has a doctor ever told you that you had lupus?	
	40	1 Yes (HAC3LR)	
	20005	2 No (HAC1M)	
	5	9 Don't know	
HAC1M	1477	Has a doctor ever told you that you had gout?	
	572	1 Yes (HAC3MR)	
	19475	2 No (HAC1N)	
	3	9 Don't know	
HAC1N	1478	Has a doctor ever told you that you had skin cancer?	
	834	1 Yes (HAC3NR)	
	19211	2 No (HAC1O)	
	1	8 Blank but applicable	
	4	9 Don't know	
HAC1O	1479	Has a doctor ever told you that you had other cancer?	
	780	1 Yes (HAC3OR)	
	19266	2 No (HAC4A)	
	1	8 Blank but applicable	
	3	9 Don't know	
HAC2E	1480	Do you still have asthma?	
	923	1 Yes	
	419	2 No	
	2	8 Blank but applicable	
	33	9 Don't know	
	18673	Blank	
HAC2F	1481	Do you still have bronchitis?	
	668	1 Yes	
	426	2 No	
	7	8 Blank but applicable	
	33	9 Don't know	
	18916	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1482	Do you still have hay fever?	
HAC2H	1501	1 Yes	
	246	2 No	
	13	8 Blank but applicable	
	16	9 Don't know	
	18274	Blank	
	1483	Do you still have goiter?	
HAC2J	99	1 Yes	
	168	2 No	
	9	8 Blank but applicable	
	10	9 Don't know	
	19764	Blank	
	1484	Do you still have thyroid disease?	
HAC2K	459	1 Yes	
	214	2 No	
	11	8 Blank but applicable	
	20	9 Don't know	
	19346	Blank	
	1485-1487	How old were you when you were first	See note
HAC3AR		told you had arthritis? (years)	
	4098	001-089	
	13	090 90 + years	
	2	777 Less than 1 year	
	125	888 Blank but applicable	
	60	999 Don't know	
	15752	Blank	
	1488-1490	How old were you when you were first	See note
HAC3CR		told you had congestive heart failure?	
		(years)	
	725	001-089	
	3	090 90 + years	
	3	777 Less than 1 year	
	10	888 Blank but applicable	
	17	999 Don't know	
	19292	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1491-1493 HAC3DR		How old were you when you were first told you had a stroke? (years)	See note
	615	006-089	
	14	090 90 + years	
	5	888 Blank but applicable	
	16	999 Don't know	
	19400	Blank	
1494-1496 HAC3ER		How old were you when you were first told you had asthma? (years)	See note
	1267	001-088	
	36	777 Less than 1 year	
	27	888 Blank but applicable	
	47	999 Don't know	
	18673	Blank	
1497-1499 HAC3FR		How old were you when you were first told you had bronchitis? (years)	See note
	1046	001-088	
	1	090 90 + years	
	19	777 Less than 1 year	
	51	888 Blank but applicable	
	17	999 Don't know	
	18916	Blank	
1500-1502 HAC3GR		How old were you when you were first told you had emphysema? (years)	See note
	410	001-089	
	2	090 90 + years	
	17	888 Blank but applicable	
	2	999 Don't know	
	19619	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1503-1505 HAC3HR		How old were you when you were first told you had hay fever? (years)	See note
	1676	001-088	
	1	090 90 + years	
	3	777 Less than 1 year	
	64	888 Blank but applicable	
	32	999 Don't know	
	18274	Blank	
1506-1508 HAC3IR		How old were you when you were first told you had cataracts? (years)	See note
	2333	001-089	
	33	090 90 + years	
	3	777 Less than 1 year	
	38	888 Blank but applicable	
	22	999 Don't know	
	17621	Blank	
1509-1511 HAC3JR		How old were you when you were first told you had goiter? (years)	See note
	277	001-084	
	1	090 90 + years	
	1	888 Blank but applicable	
	7	999 Don't know	
	19764	Blank	
1512-1514 HAC3KR		How old were you when you were first told you had other thyroid disease? (years)	See note
	688	003-089	
	10	888 Blank but applicable	
	6	999 Don't know	
	19346	Blank	
1515-1517 HAC3LR		How old were you when you were first told you had lupus? (years)	See note
	39	008-066	
	1	999 Don't know	
	20010	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1518-1520 HAC3MR		How old were you when you were first told you had gout? (years)	See note
	554	001-086	
	1	777 Less than 1 year	
	2	888 Blank but applicable	
	15	999 Don't know	
	19478	Blank	
1521-1523 HAC3NR		How old were you when you were first told you had skin cancer? (years)	See note
	807	012-089	
	12	090 90 + years	
	5	888 Blank but applicable	
	11	999 Don't know	
	19215	Blank	
1524-1526 HAC3OR		How old were you when you were first told you had other cancer? (years)	See note
	751	004-089	
	8	090 90 + years	
	15	888 Blank but applicable	
	7	999 Don't know	
	19269	Blank	
1527-1528 HAC3OS		HAND CARD HAQ-1.	
		Where was the cancer located when you were first told?	
		SPECIFY NUMBER	
	33	01 Bladder	
	157	02 Breast	
	67	03 Cervix	
	102	04 Colon, rectum, large intestine	
	95	05 Prostate	
	65	06 Uterus	
	4	07 Bone	
	5	08 Brain, nervous system	
	10	09 Esophagus	
	1	10 Gallbladder	
	6	11 Hodgkin's disease	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----------------------	--------	------------------------------	-------

-----

	18	12	Kidney
	10	13	Leukemia
	3	14	Liver
	28	15	Lung
	10	16	Lymphoma, non-Hodgkin's
	19	17	Mouth, pharynx
	22	18	Ovary
	2	19	Pancreas
	17	20	Stomach
	5	21	Testicles
	69	22	Other cancer
	18	88	Blank but applicable
	15	99	Don't know
	19269		Blank

Next, I'd like to ask you a few questions about your family's health.

Including living and deceased, were any of your blood relatives (including grandparents, parents, brothers, sisters) ever told by a doctor that they had...

	1529		Diabetes?
HAC4A	8647	1	Yes (HAC5A1)
	11046	2	No (HAC4B)
	3	8	Blank but applicable
	354	9	Don't know (HAC4B)
	1530		A heart attack before the age of 50?
HAC4B	2572	1	Yes (HAC5B1)
	17065	2	No (HAC6)
	4	8	Blank but applicable
	409	9	Don't know (HAC6)

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1531	Did grandmother have diabetes?	
HAC5A1	2228	1 Yes	
	6319	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1532	Did grandfather have diabetes?	
HAC5A2	994	1 Yes	
	7553	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1533	Did mother have diabetes?	
HAC5A3	2657	1 Yes	
	5890	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1534	Did father have diabetes?	
HAC5A4	1646	1 Yes	
	6901	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1535	Did sister have diabetes?	
HAC5A5	1293	1 Yes	
	7254	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1536	Did brother have diabetes?	
HAC5A6	1044	1 Yes	
	7503	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1537	Did aunt have diabetes?	
HAC5A7	1790	1 Yes	
	6757	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1538	Did uncle have diabetes?	
HAC5A8	1185	1 Yes	
	7362	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1539	Did cousin have diabetes?	
HAC5A9	519	1 Yes	
	8028	2 No	
	102	8 Blank but applicable	
	1	9 Don't know	
	11400	Blank	
	1540	Did son have diabetes? (Phase 2)	See note
HAC5A10	46	1 Yes	
	2951	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	17050	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1541	Did daughter have diabetes? (Phase 2)	See note
HAC5A11	54	1 Yes	
	2943	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	17050	Blank	
	1542	Did other relative have diabetes? (Phase 2)	See note
HAC5A12	134	1 Yes	
	2863	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	17050	Blank	
	1543	Did grandmother have heart attack?	
HAC5B1	205	1 Yes	
	2342	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1544	Did grandfather have heart attack?	
HAC5B2	352	1 Yes	
	2195	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1545	Did mother have heart attack?	
HAC5B3	364	1 Yes	
	2183	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1546	Did father have heart attack?	
HAC5B4	759	1 Yes	
	1788	2 No	
	29	8 Blank but applicable	
	17474	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1547	Did sister have heart attack?	
HAC5B5	181	1 Yes	
	2366	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1548	Did brother have heart attack?	
HAC5B6	392	1 Yes	
	2155	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1549	Did aunt have heart attack?	
HAC5B7	201	1 Yes	
	2346	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1550	Did uncle have heart attack?	
HAC5B8	467	1 Yes	
	2080	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1551	Did cousin have heart attack?	
HAC5B9	98	1 Yes	
	2449	2 No	
	29	8 Blank but applicable	
	17474	Blank	
	1552	Did son have heart attack? (Phase 2)	See note
HAC5B10	13	1 Yes	
	795	2 No	
	1	8 Blank but applicable	
	19241	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAC5B11	1553	Did daughter have heart attack? (Phase 2)	See note
	2	1 Yes	
	806	2 No	
	1	8 Blank but applicable	
	19241	Blank	
HAC5B12	1554	Did other relative have heart attack? (Phase 2)	See note
	23	1 Yes	
	785	2 No	
	1	8 Blank but applicable	
	19241	Blank	
HAC6	1555	Was your biological mother ever told by a doctor that she had osteoporosis, sometimes called thin or brittle bones?	
	487	1 Yes	
	18736	2 No	
	2	8 Blank but applicable	
	825	9 Don't know	
HAC7	1556	Did your biological mother ever fracture her hip?	
	795	1 Yes	
	18727	2 No (HAD1)	
	2	8 Blank but applicable	
	526	9 Don't know (HAD1)	
HAC7A	1557	How many times?	
	694	1	
	76	2	
	6	3	
	1	4	
	2	6	
	17	8 Blank but applicable	
	1	9 Don't know	
	19253	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION C. SELECTED CONDITIONS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

1558-1560		Age of mother at first hip fracture	
HAC8	708	009-107	
	13	444 Under 50	
	54	555 50 +	
	5	888 Blank but applicable	
	17	999 Don't know	
	19253	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION D. DIABETES  
-----

Positions SAS name	Counts	Item description and code	Notes
HAD1	1561	Have you ever been told by a doctor that you have diabetes or sugar diabetes?	
		IF "BORDERLINE" OR "PREDIABETIC", CODE 2.	
	1614	1 Yes	
	18410	2 No (HAE1)	
	3	8 Blank but applicable	
	23	9 Don't know (HAE1)	
HAD2	1562	CHECK ITEM. REFER TO SEX OF SP.	
	661	1 Male	
	956	2 Female	
	18433	Blank	
HAD3	1563	Were you pregnant when you were told that you had diabetes?	
	152	1 Yes	
	796	2 No (HAD5)	
	6	8 Blank but applicable	
	2	9 Don't know	
	19094	Blank	
HAD4	1564	Other than during pregnancy, has a doctor ever told you that you have diabetes or sugar diabetes?	
	47	1 Yes	
	105	2 No (HAE1)	
	6	8 Blank but applicable	
	19892	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION D. DIABETES  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1565-1567 HAD5R		How old were you when a doctor first told you that you had diabetes (not including during pregnancy)? (years)	See note
	1466	001-087	
	1	090 90 + years	
	17	888 Blank but applicable	
	28	999 Don't know	
	18538	Blank	
1568 HAD6		Are you now taking insulin?	
	483	1 Yes	
	1023	2 No (HAD10)	
	6	8 Blank but applicable	
	18538	Blank	
1569-1570 HAD7S		About how often do you take insulin? (per week)	See note
	2	01	
	1	03	
	261	07	
	201	14	
	12	21	
	2	28	
	2	49	
	8	88 Blank but applicable	
	19561	Blank	
1571-1573 HAD8		On the average, how many units per day do you take?	
	469	001-240	
	11	888 Blank but applicable	
	9	999 Don't know	
	19561	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION D. DIABETES  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1574-1577 HAD9S		For how long have you been taking insulin? (months)	See note
	468	0001-0672	
	7	7777 Less than 1 month	
	11	8888 Blank but applicable	
	3	9999 Don't know	
	19561	Blank	
1578 HAD10		Are you now taking diabetes pills to lower your blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.	
	730	1 Yes	
	771	2 No	
	6	8 Blank but applicable	
	5	9 Don't know	
	18538	Blank	
1579-1581 HAD11AS		On your own, how often do you check yourself for glucose or sugar in your urine? (per month)	See note
	1149	000 Never	
	347	001-122	
	14	888 Blank but applicable	
	2	999 Don't know	
	18538	Blank	
1582-1584 HAD11BS		On your own, how often do you check yourself for glucose or sugar in your blood? (per month)	See note
	1003	000 Never	
	484	001-122	
	21	888 Blank but applicable	
	4	999 Don't know	
	18538	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION D. DIABETES  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1585-1589 HAD12S		How long ago was the last time you had your eyes examined by a doctor? (days)	See note
	50	00000 Never had exam	
	1404	00001-24455	
	28	88888 Blank but applicable	
	30	99999 Don't know	
	18538	Blank	
1590-1594 HAD13S		How long has it been since you had an eye exam in which your pupils were dilated? (This would have made you temporarily sensitive to bright light.) (days)	See note
	303	00000 Never	
	976	00001-24455	
	50	88888 Blank but applicable	
	103	99999 Don't know	
	18615	Blank	
1595 HAD14		Have you ever had photographs taken of the retina of your eyes?	
	431	1 Yes	
	906	2 No	
	9	8 Blank but applicable	
	166	9 Don't know	
	18538	Blank	
1596 HAD15		Has a doctor ever told you that diabetes has affected your eyes or that you had retinopathy?	
	287	1 Yes	
	1168	2 No	
	8	8 Blank but applicable	
	49	9 Don't know	
	18538	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE1	1597	About how long has it been since you last had your blood pressure taken by a doctor or other health professional?	
	12814	1 Less than 6 months	
	3088	2 6 months, less than 1 year	
	3264	3 1 year, less than 5 years	
	647	4 More than 5 years	
	168	5 Never (HAE6)	
	1	8 Blank but applicable	
	68	9 Don't know	
HAE2	1598	Have you ever been told by a doctor or other health professional that you had hypertension, also called high blood pressure?	
	5438	1 Yes	
	14401	2 No (HAE6)	
	1	8 Blank but applicable	
	42	9 Don't know (HAE6)	
	168	Blank	
HAE3	1599	Were you told on 2 or more different visits that you had hypertension, also called high blood pressure?	
	4313	1 Yes	
	1109	2 No	
	4	8 Blank but applicable	
	13	9 Don't know	
	14611	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		ASK TREATMENTS IN HAE4A-D, THEN GO TO HAE5A-D FOR EACH TREATMENT WITH "YES" IN HAE4.	
HAE4A	1600	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to take prescribed medicine?	
	4103	1 Yes	
	1316	2 No	
	16	8 Blank but applicable	
	4	9 Don't know	
	14611	Blank	
HAE4B	1601	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to control your weight or lose weight?	
	2653	1 Yes	
	2768	2 No	
	17	8 Blank but applicable	
	1	9 Don't know	
	14611	Blank	
HAE4C	1602	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to cut down on salt or sodium in your diet?	
	3755	1 Yes	
	1665	2 No	
	16	8 Blank but applicable	
	3	9 Don't know	
	14611	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE4D	1603	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to do anything else?	
	1521	1 Yes	
	3912	2 No	
	6	8 Blank but applicable	
	14611	Blank	
HAE4D1	1604	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to exercise more?	
	1069	1 Yes	
	451	2 No	
	1	9 Don't know	
	18529	Blank	
HAE4D2	1605	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to restrict alcohol?	
	196	1 Yes	
	1324	2 No	
	1	9 Don't know	
	18529	Blank	
HAE4D3	1606	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to stop smoking?	
	127	1 Yes	
	1393	2 No	
	1	9 Don't know	
	18529	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE4D4	1607	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to reduce tension?	
	89	1 Yes	
	1431	2 No	
	1	9 Don't know	
	18529	Blank	
HAE4D5	1608	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to change your diet?	
	231	1 Yes	
	1289	2 No	
	1	9 Don't know	
	18529	Blank	
HAE4D6	1609	Because of your (high blood pressure/hypertension), have you ever been told by a doctor or other health professional to make other changes?	
	43	1 Yes	
	1477	2 No	
	1	9 Don't know	
	18529	Blank	
HAE5A	1610	Are you now taking prescribed medicine?	
	3204	1 Yes	
	889	2 No	
	26	8 Blank but applicable	
	15931	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE5B	1611	Are you now controlling or losing weight?	
	2011	1 Yes	
	633	2 No	
	26	8 Blank but applicable	
	17380	Blank	
HAE5C	1612	Are you now using less salt or sodium in your diet?	
	3333	1 Yes	
	401	2 No	
	37	8 Blank but applicable	
	16279	Blank	
HAE5D1	1613	Are you now exercising?	
	731	1 Yes	
	297	2 No	
	41	8 Blank but applicable	
	18981	Blank	
HAE5D2	1614	Are you now restricting alcohol?	
	154	1 Yes	
	37	2 No	
	5	8 Blank but applicable	
	19854	Blank	
HAE5D3	1615	Are you now quitting smoking?	
	46	1 Yes	
	77	2 No	
	4	8 Blank but applicable	
	19923	Blank	
HAE5D4	1616	Are you now reducing tension?	
	52	1 Yes	
	30	2 No	
	7	8 Blank but applicable	
	19961	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1617	Are you now making diet changes?	
HAE5D5	197	1 Yes	
	22	2 No	
	12	8 Blank but applicable	
	19819	Blank	
	1618	Are you now making other changes?	
HAE5D6	32	1 Yes	
	10	2 No	
	1	8 Blank but applicable	
	20007	Blank	
	1619	Have you ever had your blood cholesterol checked?	
HAE6	9923	1 Yes	
	9412	2 No (HAE10)	
	3	8 Blank but applicable	
	712	9 Don't know (HAE10)	
	1620	Have you ever been told by a doctor or other health professional that your blood cholesterol level was high?	
HAE7	3243	1 Yes	
	6655	2 No (HAE10)	
	3	8 Blank but applicable	
	25	9 Don't know	
	10124	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		ASK TREATMENTS IN HAE8A-D. THEN GO TO HAE9A-D FOR EACH TREATMENT WITH "YES" IN HAE8.	
HAE8A	1621	Because of your high blood cholesterol, have you ever been told by a doctor or other health professional to eat fewer high fat or high cholesterol foods?	
	2776	1 Yes	
	462	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	16804	Blank	
HAE8B	1622	Because of your high blood cholesterol, have you ever been told by a doctor or other health professional to control your weight or lose weight?	
	1697	1 Yes	
	1541	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	16804	Blank	
HAE8C	1623	Because of your high blood cholesterol, have you ever been told by a doctor or other health professional to exercise?	
	1830	1 Yes	
	1407	2 No	
	8	8 Blank but applicable	
	1	9 Don't know	
	16804	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE8D	1624	Because of your high blood cholesterol, have you ever been told by a doctor or other health professional to take prescribed medicine?	
	793	1 Yes	
	2439	2 No	
	11	8 Blank but applicable	
	3	9 Don't know	
	16804	Blank	
HAE9A	1625	To lower your blood cholesterol, are you now following this advice to eat fewer high fat or high cholesterol foods?	
	2444	1 Yes	
	317	2 No	
	21	8 Blank but applicable	
	1	9 Don't know	
	17267	Blank	
HAE9B	1626	To lower your blood cholesterol, are you now following this advice to control your weight or lose weight?	
	1394	1 Yes	
	295	2 No	
	15	8 Blank but applicable	
	18346	Blank	
HAE9C	1627	To lower your blood cholesterol, are you now following this advice to exercise?	
	1355	1 Yes	
	467	2 No	
	16	8 Blank but applicable	
	18212	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION E. HIGH BLOOD PRESSURE/CHOLESTEROL  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAE9D	1628	To lower your blood cholesterol, are you now following this advice to take prescribed medicine?	
	566	1 Yes	
	221	2 No	
	14	8 Blank but applicable	
	3	9 Don't know	
	19246	Blank	
HAE10	1629	CHECK ITEM. MARK FIRST APPLICABLE BOX.	
	16791	1 No or DK in HAE6 or HAE7	
	1949	2 No in HAE8A, HAE8B, HAE8C	
	1310	3 Otherwise (HAF1)	
		To lower your blood cholesterol, have you made any lasting and major changes on your own? Specifically...	
HAE11A	1630	Do you eat fewer high fat or high cholesterol foods?	
	7356	1 Yes	
	9806	2 No	
	86	8 Blank but applicable	
	5	9 Don't know	
	2797	Blank	
HAE11B	1631	Have you controlled your weight or lost weight?	
	5239	1 Yes	
	12949	2 No	
	144	8 Blank but applicable	
	1718	Blank	
HAE11C	1632	Do you exercise more?	
	4317	1 Yes	
	13745	2 No	
	136	8 Blank but applicable	
	1	9 Don't know	
	1851	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAF1	1633	Have you ever had any pain or discomfort in your chest?	
	5655	1 Yes	
	14388	2 No (HAF10)	
	3	8 Blank but applicable	
	4	9 Don't know	
HAF2	1634	Do you get it when you walk uphill or hurry?	
	1611	1 Yes	
	3739	2 No (HAF9)	
	298	3 Never walks uphill or hurries	
	7	8 Blank but applicable	
	3	9 Don't know	
	14392	Blank	
HAF3	1635	Do you get it when you walk at an ordinary pace on level ground?	
	823	1 Yes	
	1072	2 No	
	15	8 Blank but applicable	
	6	9 Don't know	
	18134	Blank	
HAF4	1636	What do you do if you get it while you are walking? Do you stop or slow down, or continue at the same pace?	
		CHECK "STOP OR SLOW DOWN" IF SP CARRIES ON AFTER TAKING NITROGLYCERINE.	
	1573	1 Stop or slow down	
	179	2 Continue at the same pace (HAF9)	
	107	3 Does not get it while walking	
	49	8 Blank but applicable	
	8	9 Don't know	
	18134	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
	1637		
HAF5		If you stand still, what happens to it? Is the pain or discomfort relieved or not relieved?	
	1372	1 Relieved	
	194	2 Not relieved (HAF9)	
	58	8 Blank but applicable	
	6	9 Don't know	
	18420	Blank	
	1638		
HAF6		How soon is the pain relieved?	
	1154	1 10 minutes or less	
	221	2 More than 10 minutes (HAF9)	
	57	8 Blank but applicable	
	4	9 Don't know	
	18614	Blank	
		Where is the pain or discomfort located?	
		PROBE IF NECESSARY:	
		Please show me where it is located.	
	1639		
HAF7A		Area 1	See note
	99	1 Yes	
	1064	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1640		
HAF7B		Area 2	See note
	203	1 Yes	
	960	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1641	Area 3	See note
HAF7C	134	1 Yes	
	1029	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1642	Area 4	See note
HAF7D	769	1 Yes	
	394	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1643	Area 5	See note
HAF7E	166	1 Yes	
	997	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1644	Area 6	See note
HAF7F	394	1 Yes	
	769	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1645	Area 7	See note
HAF7G	143	1 Yes	
	1020	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1646	Area 8	See note
HAF7H	27	1 Yes	
	1136	2 No	
	47	8 Blank but applicable	
	5	9 Don't know	
	18835	Blank	
	1647	Have you ever had a severe pain across the front of your chest lasting for half an hour or more?	
HAF9	1218	1 Yes	
	4419	2 No	
	9	8 Blank but applicable	
	12	9 Don't know	
	14392	Blank	
	1648	Has a doctor ever told you that you had a heart attack?	
HAF10	938	1 Yes	
	18823	2 No (HAF14)	
	286	8 Blank but applicable	
	3	9 Don't know	
	1649-1650	How many heart attacks have you had?	
HAF11	633	01	
	178	02	
	65	03	
	18	04	
	6	05	
	6	06	
	2	09	
	2	10	
	1	20	
	1	25	
	291	88 Blank but applicable	
	21	99 Don't know	
	18826	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1651-1653 HAF12R		How old were you when you had your (first) attack? (years)	See note
	881	001-088	
	1	090 90 + years	
	292	888 Blank but applicable	
	50	999 Don't know	
	18826	Blank	
		IF ONLY ONE ATTACK IN F11, GO TO F14. OTHERWISE, ASK:	
1654-1656 HAF13R		How old were you when you had your last attack? (years)	See note
	276	001-089	
	1	090 90 + years	
	305	888 Blank but applicable	
	9	999 Don't know	
	19459	Blank	
1657 HAF14		Do you get pain in either leg while you are walking?	
	4775	1 Yes	
	15252	2 No (HAF23)	
	19	8 Blank but applicable	
	4	9 Don't know	
1658 HAF15		Does this pain ever begin while you are standing still or sitting?	
	3074	1 Yes (HAF23)	
	1695	2 No	
	20	8 Blank but applicable	
	5	9 Don't know	
	15256	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
HAF16	1659	In what part of your leg do you feel it?	
		IF CALVES NOT MENTIONED, PROBE: Anywhere else?	
	756	1 Pain includes calf/calves	
	940	2 Pain does not include calf/calves (HAF23)	
	24	8 Blank but applicable	
	18330	Blank	
HAF17	1660	Do you get it if you walk uphill or hurry?	
	453	1 Yes	
	208	2 No (HAF23)	
	98	3 Never walks uphill or hurries	
	20	8 Blank but applicable	
	1	9 Don't know	
	19270	Blank	
HAF18	1661	Do you get it if you walk at an ordinary pace on level ground?	
	325	1 Yes	
	221	2 No	
	23	8 Blank but applicable	
	2	9 Don't know	
	19479	Blank	
HAF19	1662	Does this pain ever disappear while you are walking?	
	264	1 Yes (HAF23)	
	278	2 No	
	25	8 Blank but applicable	
	4	9 Don't know	
	19479	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAF20	1663	What do you do if you get it while you are walking? Do you stop or slow down or continue at the same pace?	
	243	1 Stop or slow down	
	36	2 Continue at the same pace (HAF23)	
	3	8 Blank but applicable	
	19768	Blank	
HAF21	1664	What happens to it if you stand still? Is the pain relieved or not relieved?	
	194	1 Relieved	
	46	2 Not relieved (HAF23)	
	3	8 Blank but applicable	
	3	9 Don't know	
	19804	Blank	
HAF22	1665	How soon is it relieved?	
	152	1 10 minutes or less	
	41	2 More than 10 minutes	
	6	8 Blank but applicable	
	1	9 Don't know	
	19850	Blank	
HAF23	1666	Have you ever had weakness or paralysis in one side of your face, an arm, or a leg lasting more than 5 minutes?	
	1360	1 Yes	
	18679	2 No	
	4	8 Blank but applicable	
	7	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION F. CARDIOVASCULAR DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAF24	1667	Have you ever had pronounced numbness, tingling, or loss of sensation involving one side of your face or body and lasting more than 5 minutes?	
	2060	1 Yes	
	17970	2 No	
	6	8 Blank but applicable	
	14	9 Don't know	
HAF25	1668	Have you ever had a spell of marked loss of vision in one eye or pronounced blurring of vision in both eyes lasting more than 5 minutes?	
	1923	1 Yes	
	18108	2 No	
	8	8 Blank but applicable	
	11	9 Don't know	
HAF26	1669	Have you ever had a spell of severe dizziness lasting more than 5 minutes?	
	2383	1 Yes	
	17650	2 No	
	5	8 Blank but applicable	
	12	9 Don't know	
HAF27	1670	Have you ever had a spell during which you experienced a problem with your ability to speak, or to understand what someone was saying to you?	
	962	1 Yes	
	19076	2 No	
	8	8 Blank but applicable	
	4	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1671	CHECK ITEM. REFER TO AGE OF SP.	
HAG1	1225	1 Under 20 years (HAH1)	
	18825	2 20 + years	
	1672	Have you ever had pain in your back on most days for at least one month?	
HAG2	4608	1 Yes	
	14184	2 No (HAG5A)	
	17	8 Blank but applicable	
	16	9 Don't know (HAG5A)	
	1225	Blank	
	1673	Have you had this pain within the past 12 months?	
HAG3	3654	1 Yes	
	945	2 No	
	24	8 Blank but applicable	
	2	9 Don't know	
	15425	Blank	
		HAND CARD HAQ-2.	
		In what part of your back (is/was) the pain usually located?	
	1674	Area 1	See note
HAG4A	1179	1 Yes	
	3356	2 No	
	87	8 Blank but applicable	
	3	9 Don't know	
	15425	Blank	
	1675	Area 2	See note
HAG4B	1525	1 Yes	
	3010	2 No	
	87	8 Blank but applicable	
	3	9 Don't know	
	15425	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1676	Area 3	See note
HAG4C	3322	1 Yes	
	1213	2 No	
	87	8 Blank but applicable	
	3	9 Don't know	
	15425	Blank	
		Has a doctor ever told you that you had broken or fractured your...	
	1677	Hip?	
HAG5A	340	1 Yes (HAG6A)	
	18471	2 No (HAG5B)	
	14	8 Blank but applicable	
	1225	Blank	
	1678	Wrist? (Not forearm or hand)	
HAG5B	1332	1 Yes (HAG6B)	
	17477	2 No (HAG5C)	
	15	8 Blank but applicable	
	1	9 Don't know	
	1225	Blank	
	1679	Spine?	
HAG5C	281	1 Yes (HAG6C)	
	18529	2 No (HAG7)	
	14	8 Blank but applicable	
	1	9 Don't know	
	1225	Blank	
	1680-1681	Number of times you fractured your hip	See note
HAG6A	340	01-04	
	14	88 Blank but applicable	
	19696	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1682-1683 HAG6B	1331	Number of times you fractured your wrist 01-07	See note
	16	88 Blank but applicable	
	1	99 Don't know	
	18702	Blank	
1684-1685 HAG6C	280	Number of times you fractured your spine 01-09	See note
	16	88 Blank but applicable	
	19754	Blank	
1686 HAG7	16995	CHECK ITEM. REFER TO HAG5. 1 All No in HAG5 (HAG11)	
	1821	2 At least one Yes in HAG5 (HAG8)	
	9	8 Blank but applicable	
	1225	Blank	
		REFER TO HAG5. FOR EACH FRACTURE REPORTED, RECORD SITE AND THEN ASK HAG9.	
1687 HAG8A	337	Site of fracture 1 1 Hip	
	1268	2 Wrist	
	215	3 Spine	
	1	8 Blank but applicable	
	18229	Blank	
1688 HAG8B	32	Site of fracture 2 1 Hip	
	239	2 Wrist	
	69	3 Spine	
	19710	Blank	
1689 HAG8C	4	Site of fracture 3 1 Hip	
	55	2 Wrist	
	24	3 Spine	
	19967	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1690	Site of fracture 4	
HAG8D	2	1 Hip	
	14	2 Wrist	
	11	3 Spine	
	20023	Blank	
	1691	Site of fracture 5	
HAG8E	6	2 Wrist	
	7	3 Spine	
	20037	Blank	
	1692	Site of fracture 6	
HAG8F	2	2 Wrist	
	4	3 Spine	
	20044	Blank	
		About how old were you when you fractured your ...	
	1693-1695	Site of fracture 1? (years)	See note
HAG9AR	1697	001-089	
	9	090 90 + years	
	32	444 Under 50	
	31	555 50 + years	
	37	888 Blank but applicable	
	15	999 Don't know	
	18229	Blank	
	1696-1698	Site of fracture 2? (years)	See note
HAG9BR	296	005-089	
	1	090 90 + years	
	6	444 Under 50	
	13	555 50 + years	
	20	888 Blank but applicable	
	4	999 Don't know	
	19710	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1699-1701 HAG9CR	68	Site of fracture 3? (years) 006-081	See note
	3	444 Under 50	
	5	555 50 + years	
	7	888 Blank but applicable	
	19967	Blank	
1702-1704 HAG9DR	18	Site of fracture 4? (years) 010-084	See note
	1	444 Under 50	
	4	555 50 + years	
	4	888 Blank but applicable	
	20023	Blank	
1705-1707 HAG9ER	2	Site of fracture 5? (years) 018	See note
	1	023	
	1	024	
	1	034	
	1	076	
	1	085	
	3	555 50 + years	
	2	888 Blank but applicable	
	1	999 Don't know	
	20037	Blank	
1708-1710 HAG9FR	1	Site of fracture 6? (years) 021	See note
	1	030	
	1	074	
	1	555 50 + years	
	1	888 Blank but applicable	
	1	999 Don't know	
	20044	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

IF AGE 50 OR OLDER IN HAG9, ASK:

Did that fracture occur as  
a result of a fall from  
standing height or less,  
or did it occur because of  
a harder fall, or did it  
occur from a car accident  
or other severe trauma?

	1711		Fracture 1
HAG10A	384	1	Standing height or less
	144	2	Harder fall
	65	3	Severe trauma
	37	8	Blank but applicable
	1	9	Don't know
	19419		Blank
	1712		Fracture 2
HAG10B	90	1	Standing height or less
	32	2	Harder fall
	12	3	Severe trauma
	18	8	Blank but applicable
	3	9	Don't know
	19895		Blank
	1713		Fracture 3
HAG10C	17	1	Standing height or less
	6	2	Harder fall
	5	3	Severe trauma
	5	8	Blank but applicable
	1	9	Don't know
	20016		Blank

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1714	Fracture 4	
HAG10D	7	1 Standing height or less	
	2	2 Harder fall	
	2	8 Blank but applicable	
	1	9 Don't know	
	20038	Blank	
	1715	Fracture 5	
HAG10E	5	1 Standing height or less	
	1	9 Don't know	
	20044	Blank	
	1716	Fracture 6	
HAG10F	2	1 Standing height or less	
	1	9 Don't know	
	20047	Blank	
	1717	Has a doctor ever told you that you had osteoporosis, sometimes called thin or brittle bones?	
HAG11	418	1 Yes	
	18336	2 No (HAG13)	
	22	8 Blank but applicable	
	49	9 No (HAG13)	
	1225	Blank	
	1718	Were you treated for osteoporosis?	
HAG12	231	1 Yes	
	181	2 No	
	24	8 Blank but applicable	
	4	9 Don't know	
	19610	Blank	
	1719	CHECK ITEM. REFER TO AGE OF SP.	
HAG13	12229	1 20-59 years (HAG32)	
	6596	2 60 + years	
	1225	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAG14	1720-1721	About how many times have you fallen in the past 12 months and landed on the floor or hit an object?	
	4921	00 None/never (HAG16)	
	1628	01-50	
	33	88 Blank but applicable	
	14	99 Don't know	
	13454	Blank	
HAG15	1722	Did (that fall/any of those falls) cause a broken bone, a serious injury like a head injury, or cause you to seek medical care?	
	370	1 Yes	
	1279	2 No	
	25	8 Blank but applicable	
	1	9 Don't know	
	18375	Blank	
HAG16	1723	Have you ever had pain in your hands on most days for at least 6 weeks? This also includes aching and stiffness.	
	1247	1 Yes	
	5315	2 No (HAG18)	
	20	8 Blank but applicable	
	14	9 Don't know (HAG18)	
	13454	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		Please show me which joints have been painful or stiff in either your right hand, left hand, or both hands.	
		SP SHOULD INDICATE JOINTS ON THEIR OWN HANDS.	
	1724	Pain, stiff right hand, joint 1	See note
HAG17A	418	1 Yes	
	801	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1725	Pain, stiff right hand, joint 2	See note
HAG17B	557	1 Yes	
	662	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1726	Pain, stiff right hand, joint 3	See note
HAG17C	567	1 Yes	
	652	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1727	Pain, stiff right hand, joint 4	See note
HAG17D	585	1 Yes	
	634	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1728	Pain, stiff right hand, joint 5	See note
HAG17E	594	1 Yes	
	625	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1729	Pain, stiff right hand, joint 6	See note
HAG17F	601	1 Yes	
	618	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1730	Pain, stiff right hand, joint 7	See note
HAG17G	591	1 Yes	
	628	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1731	Pain, stiff right hand, joint 8	See note
HAG17H	630	1 Yes	
	589	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1732	Pain, stiff right hand, joint 9	See note
HAG17I	663	1 Yes	
	556	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1733	Pain, stiff right hand, joint 10	See note
HAG17J	643	1 Yes	
	576	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1734	Pain, stiff right hand, joint 11	See note
HAG17K	531	1 Yes	
	688	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1735	Pain, stiff right hand, joint 12	See note
HAG17L	476	1 Yes	
	743	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1736	Pain, stiff right hand, joint 13	See note
HAG17M	489	1 Yes	
	730	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1737	Pain, stiff right hand, joint 14	See note
HAG17N	504	1 Yes	
	715	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1738	Pain, stiff right hand, joint 15	See note
HAG17O	510	1 Yes	
	709	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1739	Pain, stiff right hand, joint 32 (Phase 2)	See note
HAG17FF	236	1 Yes	
	326	2 No	
	12	8 Blank but applicable	
	4	9 Don't know	
	19472	Blank	
	1740	Pain, stiff left hand, joint 16	See note
HAG17P	397	1 Yes	
	821	2 No	
	42	8 Blank but applicable	
	7	9 Don't know	
	18783	Blank	
	1741	Pain, stiff left hand, joint 17	See note
HAG17Q	559	1 Yes	
	659	2 No	
	42	8 Blank but applicable	
	7	9 Don't know	
	18783	Blank	
	1742	Pain, stiff left hand, joint 18	See note
HAG17R	531	1 Yes	
	688	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1743	Pain, stiff left hand, joint 19	See note
HAG17S	514	1 Yes	
	705	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1744	Pain, stiff left hand, joint 20	See note
HAG17T	504	1 Yes	
	715	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1745	Pain, stiff left hand, joint 21	See note
HAG17U	499	1 Yes	
	720	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1746	Pain, stiff left hand, joint 22	See note
HAG17V	493	1 Yes	
	725	2 No	
	42	8 Blank but applicable	
	7	9 Don't know	
	18783	Blank	
	1747	Pain, stiff left hand, joint 23	See note
HAG17W	594	1 Yes	
	625	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1748	Pain, stiff left hand, joint 24	See note
HAG17X	593	1 Yes	
	626	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1749	Pain, stiff left hand, joint 25	See note
HAG17Y	561	1 Yes	
	658	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1750	Pain, stiff left hand, joint 26	See note
HAG17Z	542	1 Yes	
	677	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1751	Pain, stiff left hand, joint 27	See note
HAG17AA	471	1 Yes	
	748	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1752	Pain, stiff left hand, joint 28	See note
HAG17BB	465	1 Yes	
	754	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1753	Pain, stiff left hand, joint 29	See note
HAG17CC	450	1 Yes	
	769	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1754	Pain, stiff left hand, joint 30	See note
HAG17DD	442	1 Yes	
	777	2 No	
	42	8 Blank but applicable	
	6	9 Don't know	
	18783	Blank	
	1755	Pain, stiff left hand, joint 31 (Phase 2)	See note
HAG17EE	221	1 Yes	
	340	2 No	
	12	8 Blank but applicable	
	5	9 Don't know	
	19472	Blank	
	1756	Have you ever had swelling in your hands that hurt when the joint was touched on most days for at least 6 weeks?	
HAG18	625	1 Yes	
	5935	2 No (HAG20)	
	26	8 Blank but applicable	
	10	9 Don't know (HAG20)	
	13454	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		Please show me which joints have been swollen in either your right hand, left hand, or both hands.	
		SP SHOULD INDICATE JOINTS ON THEIR OWN HANDS.	
	1757	Swelling in right hand, joint 1	See note
HAG19A	238	1 Yes	
	385	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1758	Swelling in right hand, joint 2	See note
HAG19B	308	1 Yes	
	315	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1759	Swelling in right hand, joint 3	See note
HAG19C	312	1 Yes	
	311	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1760	Swelling in right hand, joint 4	See note
HAG19D	327	1 Yes	
	296	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1761	Swelling in right hand, joint 5	See note
HAG19E	327	1 Yes	
	296	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1762	Swelling in right hand, joint 6	See note
HAG19F	321	1 Yes	
	302	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1763	Swelling in right hand, joint 7	See note
HAG19G	313	1 Yes	
	310	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1764	Swelling in right hand, joint 8	See note
HAG19H	333	1 Yes	
	290	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1765	Swelling in right hand, joint 9	See note
HAG19I	351	1 Yes	
	272	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1766	Swelling in right hand, joint 10	See note
HAG19J	330	1 Yes	
	293	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1767	Swelling in right hand, joint 11	See note
HAG19K	298	1 Yes	
	325	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1768	Swelling in right hand, joint 12	See note
HAG19L	258	1 Yes	
	365	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1769	Swelling in right hand, joint 13	See note
HAG19M	260	1 Yes	
	363	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1770	Swelling in right hand, joint 14	See note
HAG19N	272	1 Yes	
	351	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1771	Swelling in right hand, joint 15	See note
HAG190	277	1 Yes	
	346	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1772	Swelling in right hand, joint 32 (Phase 2)	See note
HAG19FF	136	1 Yes	
	158	2 No	
	10	8 Blank but applicable	
	1	9 Don't know	
	19745	Blank	
	1773	Swelling in left hand, joint 16	See note
HAG19P	221	1 Yes	
	402	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1774	Swelling in left hand, joint 17	See note
HAG19Q	312	1 Yes	
	311	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1775	Swelling in left hand, joint 18	See note
HAG19R	298	1 Yes	
	325	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1776	Swelling in left hand, joint 19	See note
HAG19S	303	1 Yes	
	320	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1777	Swelling in left hand, joint 20	See note
HAG19T	292	1 Yes	
	331	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1778	Swelling in left hand, joint 21	See note
HAG19U	285	1 Yes	
	338	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1779	Swelling in left hand, joint 22	See note
HAG19V	279	1 Yes	
	344	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1780	Swelling in left hand, joint 23	See note
HAG19W	313	1 Yes	
	310	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1781	Swelling in left hand, joint 24	See note
HAG19X	311	1 Yes	
	312	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1782	Swelling in left hand, joint 25	See note
HAG19Y	314	1 Yes	
	309	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1783	Swelling in left hand, joint 26	See note
HAG19Z	290	1 Yes	
	333	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1784	Swelling in left hand, joint 27	See note
HAG19AA	248	1 Yes	
	375	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1785	Swelling in left hand, joint 28	See note
HAG19BB	247	1 Yes	
	376	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1786	Swelling in left hand, joint 29	See note
HAG19CC	240	1 Yes	
	383	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1787	Swelling in left hand, joint 30	See note
HAG19DD	233	1 Yes	
	390	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	19399	Blank	
	1788	Swelling in left hand, joint 31 (Phase 2)	See note
HAG19EE	125	1 Yes	
	169	2 No	
	10	8 Blank but applicable	
	1	9 Don't know	
	19745	Blank	
	1789	Have you ever had stiffness in your hands when first getting out of bed in the morning on most days for at least 6 weeks?	
HAG20	1052	1 Yes	
	5492	2 No (HAG22)	
	18	8 Blank but applicable	
	34	9 Don't know (HAG22)	
	13454	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAG21	1790	How long after getting up and moving around does the morning stiffness last?	
	650	1 Less than 30 minutes	
	175	2 30 min - 1 hour	
	89	3 1-3 hours	
	129	4 More than 3 hours	
	22	8 Blank but applicable	
	5	9 Don't know	
	18980	Blank	
HAG22	1791	Have you ever had pain in your knees on most days for at least 6 weeks? This also includes aching and stiffness.	
	1547	1 Yes	
	5013	2 No (HAG25)	
	20	8 Blank but applicable	
	16	9 Don't know (HAG25)	
	13454	Blank	
HAG23	1792	Did you have the pain in your right knee, left knee, or both knees?	
	374	1 Right knee	
	302	2 Left knee	
	868	3 Both knees	
	21	8 Blank but applicable	
	2	9 Don't know	
	18483	Blank	
HAG24	1793	When the knee pain is present, does it hurt at rest as well as when moving?	
	994	1 Yes	
	521	2 No	
	23	8 Blank but applicable	
	29	9 Don't know	
	18483	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAG25	1794	Have you ever had swelling in your knees that hurt when the joint was touched on most days for at least 6 weeks?	
	716	1 Yes	
	5836	2 No (HAG27)	
	22	8 Blank but applicable	
	22	9 Don't know (HAG27)	
	13454	Blank	
HAG26	1795	Did you have the swelling in your right knee, left knee, or both knees?	
	204	1 Right knee	
	140	2 Left knee	
	369	3 Both knees	
	24	8 Blank but applicable	
	1	9 Don't know	
	19312	Blank	
HAG27	1796	Have you ever had stiffness in your knees when first getting out of bed in the morning on most days for at least 6 weeks?	
	1277	1 Yes	
	5273	2 No (HAG30)	
	22	8 Blank but applicable	
	24	9 Don't know (HAG30)	
	13454	Blank	
HAG28	1797	Did you have the stiffness in your right knee, left knee, or both knees?	
	233	1 Right knee	
	156	2 Left knee	
	885	3 Both knees	
	23	8 Blank but applicable	
	2	9 Don't know	
	18751	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAG29	1798	How long after getting up and moving around does the morning stiffness last?	
	733	1 Less than 30 minutes	
	246	2 30 min - 1 hour	
	84	3 1-3 hours	
	186	4 More than 3 hours	
	36	8 Blank but applicable	
	14	9 Don't know	
	18751	Blank	
HAG30	1799	Have you ever had pain in your hips on most days for at least 6 weeks?	
	925	1 Yes	
	5635	2 No (HAG32)	
	23	8 Blank but applicable	
	13	9 Don't know (HAG32)	
	13454	Blank	
HAG31	1800	Did you have the pain in your right hip, left hip, or both hips?	
	328	1 Right hip	
	214	2 Left hip	
	339	3 Both hips	
	23	8 Blank but applicable	
	44	9 Don't know	
	19102	Blank	
HAG32	1801	Has a doctor ever told you that you had hip dysplasia?	
	83	1 Yes	
	18649	2 No	
	20	8 Blank but applicable	
	73	9 Don't know	
	1225	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION G. MUSCULOSKELETAL CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAG33	1802	Has a doctor ever told you that you had scoliosis?	
	420	1 Yes	
	18327	2 No	
	17	8 Blank but applicable	
	61	9 Don't know	
	1225	Blank	
HAG34	1803	Do you have a chronic limp (a limp that has lasted more than 3 months)?	
	1112	1 Yes	
	17672	2 No	
	31	8 Blank but applicable	
	10	9 Don't know	
	1225	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION H. PHYSICAL FUNCTIONING  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

HAND CARD HAQ-3.

Now I am going to read a list of activities with which some people have difficulty because of a health or physical reason. Using the categories on this card, please tell me if you have no difficulty, some difficulty, much difficulty or are unable to do these activities at all when you are by yourself and without the use of aids.

DO NOT INCLUDE TEMPORARY CONDITIONS LIKE PREGNANCY OR BROKEN LIMBS.

	1804		Walking for a quarter of a mile (that is about 2 or 3 blocks)?
HAH1	10363	1	No difficulty
	1313	2	Some difficulty
	523	3	Much difficulty
	922	4	Unable to do
	34	8	Blank but applicable
	243	9	Don't know
	6652		Blank
	1805		Walking up 10 steps without resting?
HAH2	10412	1	No difficulty
	1474	2	Some difficulty
	550	3	Much difficulty
	683	4	Unable to do
	44	8	Blank but applicable
	235	9	Don't know
	6652		Blank

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION H. PHYSICAL FUNCTIONING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1806	Stooping, crouching, or kneeling?	
HAH3	9130	1 No difficulty	
	2354	2 Some difficulty	
	935	3 Much difficulty	
	878	4 Unable to do	
	24	8 Blank but applicable	
	77	9 Don't know	
	6652	Blank	
	1807	Lifting or carrying something as heavy as 10 pounds (like a sack of potatoes or rice)?	
HAH4	10714	1 No difficulty	
	1272	2 Some difficulty	
	448	3 Much difficulty	
	761	4 Unable to do	
	26	8 Blank but applicable	
	177	9 Don't know	
	6652	Blank	
	1808	Doing chores around the house (like vacuuming, sweeping, dusting, or straightening up)?	
HAH5	10745	1 No difficulty	
	1329	2 Some difficulty	
	368	3 Much difficulty	
	538	4 Unable to do	
	50	8 Blank but applicable	
	368	9 Don't know	
	6652	Blank	
	1809	Preparing your own meals?	
HAH6	11798	1 No difficulty	
	635	2 Some difficulty	
	133	3 Much difficulty	
	338	4 Unable to do	
	58	8 Blank but applicable	
	436	9 Don't know	
	6652	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION H. PHYSICAL FUNCTIONING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAH7	1810	Managing your money (such as keeping track of your expenses or paying bills)?	
	12249	1 No difficulty	
	495	2 Some difficulty	
	98	3 Much difficulty	
	286	4 Unable to do	
	32	8 Blank but applicable	
	238	9 Don't know	
	6652	Blank	
HAH8	1811	Walking from one room to another on the same level?	
	12401	1 No difficulty	
	643	2 Some difficulty	
	164	3 Much difficulty	
	154	4 Unable to do	
	20	8 Blank but applicable	
	16	9 Don't know	
	6652	Blank	
HAH9	1812	Standing up from an armless straight chair?	
	11297	1 No difficulty	
	1345	2 Some difficulty	
	417	3 Much difficulty	
	292	4 Unable to do	
	19	8 Blank but applicable	
	28	9 Don't know	
	6652	Blank	
HAH10	1813	Getting in or out of bed?	
	11772	1 No difficulty	
	1206	2 Some difficulty	
	293	3 Much difficulty	
	94	4 Unable to do	
	22	8 Blank but applicable	
	11	9 Don't know	
	6652	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION H. PHYSICAL FUNCTIONING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAH11	1814	Eating, like holding a fork, cutting food or drinking from a glass?	
	12772	1 No difficulty	
	473	2 Some difficulty	
	83	3 Much difficulty	
	47	4 Unable to do	
	18	8 Blank but applicable	
	5	9 Don't know	
	6652	Blank	
HAH12	1815	Dressing yourself, including tying shoes, working zippers, and doing buttons?	
	12329	1 No difficulty	
	723	2 Some difficulty	
	180	3 Much difficulty	
	126	4 Unable to do	
	28	8 Blank but applicable	
	12	9 Don't know	
	6652	Blank	
HAH13	1816	Because of any impairment or health problem, do you need the help of other persons with personal care needs such as eating, bathing, dressing or getting around this home?	
	681	1 Yes (HAH15)	
	12681	2 No	
	34	8 Blank but applicable	
	2	9 Don't know	
	6652	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION H. PHYSICAL FUNCTIONING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAH14	1817	Because of any impairment or health problem, do you need the help of other persons in handling routine needs, such as everyday household chores, doing necessary business, shopping or getting around for other purposes?	
	745	1 Yes	
	11950	2 No	
	21	8 Blank but applicable	
	1	9 Don't know	
	7333	Blank	
HAH15	1818	Do you usually use any device to help you get around such as a cane, wheelchair, crutches or walker?	
	1168	1 Yes	
	12211	2 No	
	17	8 Blank but applicable	
	2	9 Don't know	
	6652	Blank	
HAH16	1819	Do you usually use any special eating utensils?	
	50	1 Yes	
	13331	2 No	
	17	8 Blank but applicable	
	6652	Blank	
HAH17	1820	Do you usually use any aids or devices to help you dress (such as button hooks, zipper pulls, long-handled shoe horn, etc.)?	
	144	1 Yes	
	13234	2 No	
	20	8 Blank but applicable	
	6652	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
	1821	CHECK ITEM. REFER TO AGE OF SP.	
HAJ0	17340	1 17-74 years old (HAJ1)	
	2710	2 75 years and older (HAJ16)	
HAJ1	1822	Please look at this diagram.	See note
		During the past 12 months have you had pain in the area shaded on the diagram?	
		FOR FEMALES DO NOT INCLUDE MENSTRUAL PAIN.	
	3391	1 Yes	
	13930	2 No (HAJ9)	
	8	8 Blank but applicable	
	11	9 Don't know (HAJ9)	
	2710	Blank	
		Sometimes people have more than one type of pain. I am going to ask you a few questions about the pain that has been the most uncomfortable in the past 12 months.	
		For the pain that was most uncomfortable please show me where the pain was located.	
HAJ2A	1823	AREA 1	See note
	994	1 Yes	
	2394	2 No	
	11	8 Blank but applicable	
	16651	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1824	AREA 2	See note
HAJ2B	2451	1 Yes	
	937	2 No	
	11	8 Blank but applicable	
	16651	Blank	
	1825	AREA 3	See note
HAJ2C	909	1 Yes	
	2479	2 No	
	11	8 Blank but applicable	
	16651	Blank	
1826-1831 HAJ3S		During the past 12 months, what is the longest time that one episode of this pain has lasted? (in minutes)	See note
	3238	000001-525600	
	15	777777 Less than 1 minute	
	118	888888 Blank but applicable	
	28	999999 Don't know	
	16651	Blank	
1832-1834 HAJ4		On how many days in the past 12 months have you had this pain?	
	8	000 None, never	
	3182	001-365	
	108	888 Blank but applicable	
	101	999 Don't know	
	16651	Blank	
1835 HAJ5		When you had this pain, was it continuous, or did it tend to come and go?	
	1162	1 Continuous	
	2113	2 Comes and goes	
	110	3 Both	
	10	8 Blank but applicable	
	4	9 Don't know	
	16651	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAJ6	1836	When you had the pain, if you moved around, did you hurt more, less, or was there no difference?	
	829	1 More	
	348	2 Less	
	2174	3 No difference	
	11	8 Blank but applicable	
	37	9 Don't know	
	16651	Blank	
HAJ7	1837	Have you ever seen a doctor about this pain?	
	1859	1 Yes	
	1529	2 No (HAJ9)	
	10	8 Blank but applicable	
	1	9 Don't know	
	16651	Blank	
HAJ8	1838-1839	What did the doctor say caused the pain?	See note
	130	01 Gallstones, gallbladder problems	
	327	02 Ulcer	
	12	03 Appendicitis, appendix problems	
	50	04 Spastic colon, irritable bowel	
	20	05 Diverticulitis, diverticulosis	
	119	06 Other	
	43	10 Esophageal	
	118	11 Gastritis, other stomach disorders	
	36	12 Indigestion	
	78	13 Gas	
	40	14 Diet or food related	
	7	15 Abdominal wall hernia	
	85	16 Hiatal hernia	
	40	17 Lower gastrointestinal disorder	
	20	18 Liver disorder	
	12	19 Pancreatic disorder	
	38	20 Stress/tension/other mental disorder	
	33	21 Cardiovascular disorder	
	20	22 Respiratory disorder	
	43	23 Kidney, urinary disorder	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	64	24 Musculoskeletal - not due to injury	
	57	25 Female reproductive	
	52	26 Injury	
	60	27 Nonspecific, unclear	
	52	28 Unspecified hernia	
	19	88 Blank but applicable	
	295	99 Don't know	
	18180	Blank	
1840		Has a doctor ever told you that you had gallstones?	
HAJ9	1082	1 Yes	
	16106	2 No (HAJ12)	
	7	8 Blank but applicable	
	17	9 Don't know (HAJ12)	
	2838	Blank	
1841-1842		What was the reason you visited the doctor the time that he told you that you had gallstones?	See note
HAJ10	905	01 Pain	
	25	02 Other specify	
	63	04 Evaluation/treatment for non-gallbladder condition	
	31	05 General, routine checkup	
	13	06 Symptoms gallbladder related/not abdominal pain	
	36	07 Symptoms unrelated to gallbladder	
	11	88 Blank but applicable	
	5	99 Don't know	
	18961	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAJ11	1843	Have you ever had medical treatment to dissolve or remove gallstones? Do not include surgery. (Phase 2)	
	109	1 Yes	
	516	2 No	
	7	8 Blank but applicable	
	19418	Blank	
HAJ12	1844	Have you ever had gallbladder surgery?	
	988	1 Yes	
	16337	2 No (HAJ14)	
	9	8 Blank but applicable	
	6	9 Don't know (HAJ14)	
	2710	Blank	
HAJ13	1845-1847	How old were you when you had your gallbladder surgery?	
	997	011-992	
	19053	Blank	
HAJ14	1848	CHECK ITEM. REFER TO HAJ8, HAJ10, AND HAJ12.	
	787	1 (HAJ8=1 or HAJ10=1) & HAJ12=1 (HAJ15)	
	16543	2 Other (HAK1)	
	10	8 Blank but applicable	
	2710	Blank	
HAJ15	1849	Did the pain that caused you to visit the doctor continue after your gallbladder surgery?	
	122	1 Yes (HAK1)	
	630	2 No (HAK1)	
	43	8 Blank but applicable	
	2	9 Don't know (HAK1)	
	19253	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION J. GALLBLADDER DISEASE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAJ16	1850	Has a doctor ever told you that you had gallstones?	
	482	1 Yes	
	2162	2 No	
	62	8 Blank but applicable	
	17	9 Don't know	
	17327	Blank	
HAJ17	1851	Have you ever had gallbladder surgery?	
	443	1 Yes	
	2212	2 No (HAK1)	
	62	8 Blank but applicable	
	6	9 Don't know (HAK1)	
	17327	Blank	
HAJ18R	1852-1854	How old were you when you had your gallbladder surgery? (years)	See note
	426	020-087	
	2	090 90 + years	
	64	888 Blank but applicable	
	13	999 Don't know	
	19545	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION K. KIDNEY CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1855	Have you ever had kidney stones?	
HAK1	919	1 Yes	
	19110	2 No (HAK4)	
	8	8 Blank but applicable	
	13	9 Don't know	
	1856-1857	How many times have you passed a kidney stone?	
HAK2	218	00 Never	
	672	01-48	
	13	88 Blank but applicable	
	24	99 Don't know	
	19123	Blank	
	1858	Have you ever had any of the following kinds of treatment for kidney stones...	
HAK3A		Medication?	
	414	1 Yes	
	500	2 No (HAK3B)	
	11	8 Blank but applicable	
	2	9 Don't know (HAK3B)	
	19123	Blank	
	1859-1861	How old were you when you had your first treatment of medication?	
HAK3A1	388	003-085	
	28	888 Blank but applicable	
	9	999 Don't know	
	19625	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION K. KIDNEY CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAK3B	1862	Have you ever had any of the following kinds of treatment for kidney stones...	
		A treatment used to crush kidney stones called lithotripsy?	
	74	1 Yes	
	832	2 No (HAK3C)	
	15	8 Blank but applicable	
	6	9 Don't know (HAK3C)	
	19123	Blank	
HAK3B1R	1863-1865	How old were you when you had your first treatment used to crush kidney stones called lithotripsy?	See note
	67	016-083	
	1	090 90 + years	
	18	888 Blank but applicable	
	3	999 Don't know	
	19961	Blank	
HAK3C	1866	Have you ever had any of the following kinds of treatment for kidney stones...	
		Surgery for removing kidney stones?	
	210	1 Yes	
	698	2 No (HAK4)	
	13	8 Blank but applicable	
	6	9 Don't know (HAK4)	
	19123	Blank	
HAK3C1R	1867-1869	How old were you when you had your first treatment of surgery for removing kidney stones?	See note
	199	016-082	
	1	090 90 + years	
	17	888 Blank but applicable	
	6	999 Don't know	
	19827	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION K. KIDNEY CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAK4	1870	How many times have you had a bladder infection, also called urinary tract infection, UTI, or cystitis?	
	3597	1 1-2 times	
	2446	2 3 or more times	
	13951	3 Never (HAK6)	
	16	8 Blank but applicable	
	40	9 Don't know	
HAK5	1871-1872	How many of these infections did you have during the past 12 months?	
	4387	00 None/never	
	1625	01-24	
	60	88 Blank but applicable	
	27	99 Don't know	
	13951	Blank	
HAK6	1873	Have you ever had symptoms of a bladder infection (such as pain in your bladder and frequent urination) that lasted more than 3 months?	
	897	1 Yes	
	19068	2 No (HAK9)	
	21	8 Blank but applicable	
	64	9 Don't know (HAK9)	
HAK7	1874	When you had this condition, were you told that you had interstitial cystitis or painful bladder syndrome?	
	93	1 Yes	
	727	2 No (HAK9)	
	18	8 Blank but applicable	
	80	9 Don't know (HAK9)	
	19132	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION K. KIDNEY CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAK8	1875-1877	How old were you when you were first told that you had interstitial cystitis or painful bladder syndrome?	
	89	006-082	
	19	888 Blank but applicable	
	3	999 Don't know	
	19939	Blank	
HAK9	1878	(Not including during pregnancy) how many times a night do you usually get up to urinate (pass water)?	
	8208	1 None	
	6581	2 Once	
	3060	3 Twice	
	2149	4 3 or more times	
	34	8 Blank but applicable	
	18	9 Don't know	
HAK10	1879	When you urinate (pass water) do you usually feel like you have not completely emptied your bladder?	
	2741	1 Yes	
	17234	2 No	
	22	8 Blank but applicable	
	53	9 Don't know	
HAK11	1880	Do you usually have trouble starting to urinate (pass water)?	
	977	1 Yes	
	19012	2 No	
	23	8 Blank but applicable	
	38	9 Don't know	
HAK12	1881	CHECK ITEM. REFER TO SEX AND AGE OF SP.	
	10649	1 Females (HAL1)	
	6284	2 Males under 60 years (HAL1)	
	3117	3 Males 60 years and older	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION K. KIDNEY CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAK13	1882	Has the force of your urinary stream or water decreased over the years?	
	1519	1 Yes	
	1532	2 No	
	22	8 Blank but applicable	
	44	9 Don't know	
	16933	Blank	
HAK14	1883	Have you ever had surgery for your prostate not related to cancer?	
	522	1 Yes	
	2568	2 No	
	21	8 Blank but applicable	
	6	9 Don't know	
	16933	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
HAL1	1884	Do you usually cough on most days for 3 consecutive months or more during the year?	
	1582	1 Yes	
	18461	2 No (HAL3)	
	6	8 Blank but applicable	
	1	9 Don't know	
HAL2	1885-1887	For how many years have you had this cough?	
	1301	001-080	
	218	777 Less than 1 year	
	33	888 Blank but applicable	
	36	999 Don't know	
	18462	Blank	
HAL3	1888	Do you bring up phlegm on most days for 3 consecutive months or more during the year?	
	1705	1 Yes	
	18330	2 No (HAL5)	
	12	8 Blank but applicable	
	3	9 Don't know	
HAL4	1889-1891	For how many years have you had trouble with phlegm?	
	1415	001-080	
	224	777 Less than 1 year	
	28	888 Blank but applicable	
	50	999 Don't know	
	18333	Blank	
HAL5	1892	Are you troubled by shortness of breath when hurrying on level ground or walking up a slight hill?	
	5030	1 Yes	
	14910	2 No	
	64	8 Blank but applicable	
	46	9 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
1893 HAL6		Have you had wheezing or whistling in your chest at any time in the past 12 months?	
	2942	1 Yes	
	17097	2 No (HAL10)	
	8	8 Blank but applicable	
	3	9 Don't know	
1894-1896 HAL7		How many episodes of wheezing or whistling have you had in the past 12 months?	
	2467	001-365	
	206	555 Constantly, continuously	
	161	888 Blank but applicable	
	116	999 Don't know	
	17100	Blank	
1897-1899 HAL8		How many times in the past 12 months were you hospitalized overnight or longer for these episodes of wheezing or whistling?	
	2774	000 None, never	
	93	001	
	39	002	
	14	003	
	4	004	
	2	005	
	4	006	
	1	012	
	1	030	
	1	050	
	15	888 Blank but applicable	
	2	999 Don't know	
	17100	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

1900-1902		During the past 12 months, how many times have you gone to a doctor's office or a hospital emergency room for one of these episodes of wheezing or whistling?	
HAL9			
	2059	000 None, never	
	874	001-048	
	12	888 Blank but applicable	
	5	999 Don't know	
	17100	Blank	

1903		Apart from when you have a cold, does your chest ever sound wheezy or whistling?	
HAL10			
	2072	1 Yes	
	17958	2 No	
	14	8 Blank but applicable	
	6	9 Don't know	

During the past 12 months, have you had any episodes of ...

1904		Stuffy, itchy, or runny nose?	
HAL11A			
	9245	1 Yes	
	10772	2 No	
	32	8 Blank but applicable	
	1	9 Don't know	

1905		Watery, itchy eyes?	
HAL11B			
	7229	1 Yes	
	12778	2 No	
	41	8 Blank but applicable	
	2	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1906-1908 HAL12		IF NO IN BOTH HAL11A AND HAL11B, CODE NONE.	
		During the past 12 months, how many episodes of stuffy, itchy, or runny nose, or watery, itchy eyes, have you had?	
	9487	000 None, never	
	8283	001-365	
	1984	555 Constantly/continuously	
	122	888 Blank but applicable	
	174	999 Don't know	
1909 HAL13	11371	CHECK ITEM. REFER TO HAL6 - HAL11. 1 Yes in at least 1 of HAL6, HAL10/HAL11A-B	
	8679	2 No in all of HAL6, HAL10, and HAL11A-B (HAL16)	
		Are any of the symptoms we have just talked about brought on by...	
		IF NECESSARY STATE SYMPTOMS: "Wheezing, whistling, stuffy, itchy, or runny nose, watery, itchy eyes."	
1910 HAL14A	4218	Exercise or cold air? 1 Yes	
	6652	2 No	
	102	8 Blank but applicable	
	399	9 Don't know	
	8679	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

	1911	Animals?	
HAL14B	934	1 Yes	
	10048	2 No	
	102	8 Blank but applicable	
	287	9 Don't know	
	8679	Blank	
	1912	House dust?	
HAL14C	2553	1 Yes	
	8249	2 No	
	109	8 Blank but applicable	
	460	9 Don't know	
	8679	Blank	
	1913	Work environment (PROBE: Do you feel better on days off)?	
HAL14D	1626	1 Yes	
	5698	2 No	
	3813	3 Doesn't work	
	108	8 Blank but applicable	
	126	9 Don't know	
	8679	Blank	
	1914	Pollen?	
HAL14E	4480	1 Yes	
	6203	2 No (HAL16)	
	104	8 Blank but applicable	
	584	9 Don't know (HAL16)	
	8679	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		During which months of the year does pollen make your symptoms worse?	
		CIRCLE ALL THAT APPLY.	
	1915	All months	
HAL15A	278	1 Yes	
	4161	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15466	Blank	
	1916	January	
HAL15B	235	1 Yes	
	3920	2 No	
	113	8 Blank but applicable	
	38	9 Don't know	
	15744	Blank	
	1917	February	
HAL15C	349	1 Yes	
	3812	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1918	March	
HAL15D	1171	1 Yes	
	2990	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1919	April	
HAL15E	2050	1 Yes	
	2111	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1920	May	
HAL15F	1951	1 Yes	
	2210	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1921	June	
HAL15G	1224	1 Yes	
	2937	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1922	July	
HAL15H	905	1 Yes	
	3256	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1923	August	
HAL15I	1096	1 Yes	
	3065	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1924	September	
HAL15J	1350	1 Yes	
	2811	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1925	October	
HAL15K	1082	1 Yes	
	3079	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1926	November	
HAL15L	470	1 Yes	
	3691	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1927	December	
HAL15M	272	1 Yes	
	3889	2 No	
	113	8 Blank but applicable	
	32	9 Don't know	
	15744	Blank	
	1928	Have you ever had a severe reaction, such as itching all over, trouble breathing, flushing, hives, or swelling of the face or hands or feet within an hour after being stung by an insect? (Phase 1)	
HAL16A	887	1 Yes	
	9207	2 No	
	13	8 Blank but applicable	
	13	9 Don't know	
	9930	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAL16B	1929	Within an hour after eating something, have you ever had a severe reaction, such as itching all over, trouble breathing, flushing, hives, or swelling of the face or hands or feet? (Phase 2)	
	654	1 Yes	
	9264	2 No	
	4	8 Blank but applicable	
	8	9 Don't know	
	10120	Blank	
HAL17	1930	Within an hour after receiving allergy shots or allergy tests, have you ever had a severe reaction, such as itching all over, trouble breathing, flushing, hives, or swelling of the face or hands or feet?	
	345	1 Yes	
	9849	2 No	
	9759	3 Never received allergy shots or tests	
	12	8 Blank but applicable	
	85	9 Don't know	
HAL18	1931	Have you ever given up or had to avoid a pet because of allergies?	
	665	1 Yes	
	19334	2 No	
	47	8 Blank but applicable	
	4	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

During the past 12 months, have you  
had any of the following conditions?

	1932		Cold or flu?
HAL19A	12855	1	Yes (HAL20A)
	7180	2	No (HAL19B)
	9	8	Blank but applicable
	6	9	Don't know

	1933		Sinusitis or sinus problems?
HAL19B	5848	1	Yes (HAL20B)
	14163	2	No (HAL19C)
	8	8	Blank but applicable
	31	9	Don't know

	1934		Pneumonia?
HAL19C	411	1	Yes (HAL20B)
	19624	2	No (HAM1)
	11	8	Blank but applicable
	4	9	Don't know

How many episodes of ... have you  
had in the past 12 months?

	1935-1937		Cold or flu?
HAL20A	12777	001-050	
	37	555	Constantly, continuously
	29	888	Blank but applicable
	21	999	Don't know
	7186		Blank

	1938-1940		Sinusitis or sinus problems?
HAL20B	4526	001-099	
	580	555	Continuously, constantly
	614	888	Blank but applicable
	136	999	Don't know
	14194		Blank

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION L. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1941-1943		Pneumonia?	
HAL20C	362	001	
	30	002	
	14	003	
	3	004	
	13	888	Blank but applicable
	19628	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION M. DIET  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAM1	1944	CHECK ITEM. REFER TO AGE OF SP.	
	13454	1 Under 60 years old (HAM4)	
	6596	2 60 + years (HAM2)	
HAM2	1945	Some cities, churches, and other organizations provide meals for senior citizens. Do you receive meals from any such programs?	
	359	1 Yes	
	6218	2 No (HAM4)	
	19	8 Blank but applicable	
	13454	Blank	
HAM3	1946	Are these meals ever delivered to your home, such as Meals on Wheels?	
	184	1 Yes	
	172	2 No	
	21	8 Blank but applicable	
	1	9 Don't know	
19672	Blank		
HAM4	1947	How often do you eat breakfast - every day, on some days, rarely, never, or on weekends only?	
	11263	1 Every day	
	4284	2 Some days	
	2399	3 Rarely	
	1069	4 Never	
	1006	5 Weekends only	
	26	8 Blank but applicable	
	3	9 Don't know	
	1948-1950		How tall are you without shoes? (inches) See note
HAM5S	19129	041-092	
	53	888 Blank but applicable	
	868	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION M. DIET  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1951-1953 HAM6S		How much do you weigh without clothes or shoes? (pounds)	See note
		(FEMALES: IF CURRENTLY PREGNANT, ASK: About how much did you weigh before your pregnancy?)	
	19270	065-450	
	187	888 Blank but applicable	
	593	999 Don't know	
1954 HAM7		CHECK ITEM. REFER TO AGE OF SP.	
	3524	1 25 years old or less (HAM10)	
	3733	2 26 through 35 years old (HAM9)	
	12793	3 36 years and older	
1955-1957 HAM8S		How much did you weigh 10 years ago? (pounds)	See note
	12030	060-389	
	130	888 Blank but applicable	
	633	999 Don't know	
	7257	Blank	
1958-1960 HAM9S		How much did you weigh when you were 25 years old? (pounds)	See note
	15148	040-500	
	222	888 Blank but applicable	
	1156	999 Don't know	
	3524	Blank	
1961-1963 HAM10S		Up to the present time, what is the most you have ever weighed? (FEMALES): Do not include any times when you were pregnant. (pounds)	See note
	19464	065-500	
	183	888 Blank but applicable	
	403	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HAM11	1964	Do you consider yourself now to be overweight, underweight, or about the right weight?	
	9570	1 Overweight	
	1431	2 Underweight	
	9021	3 About the right weight	
	17	8 Blank but applicable	
	11	9 Don't know	
HAM12	1965	Would you like to weigh more, less, or stay about the same?	
	1783	1 More	
	10691	2 Less	
	7550	3 Stay about the same	
	18	8 Blank but applicable	
	8	9 Don't know	
HAM13	1966	During the past 12 months, have you tried to lose weight?	
	7038	1 Yes	
	12995	2 No	
	17	8 Blank but applicable	
HAM14	1967	During the past 12 months, have you changed what you eat because of any medical reason or health condition?	
	3305	1 Yes	
	16732	2 No (HAN1)	
	13	8 Blank but applicable	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions		Item description	
SAS name	Counts	and code	Notes

-----

What was the medical reason  
or health condition that caused you  
to change what you eat?

MARK ALL THAT APPLY.

	1968		Overweight/obesity
HAM15A	693	1	Yes
	2524	2	No
	97	8	Blank but applicable
	4	9	Don't know
	16732		Blank
	1969		High blood pressure/hypertension
HAM15B	906	1	Yes
	2311	2	No
	97	8	Blank but applicable
	4	9	Don't know
	16732		Blank
	1970		High blood cholesterol
HAM15C	1153	1	Yes
	2064	2	No
	97	8	Blank but applicable
	4	9	Don't know
	16732		Blank
	1971		Diabetes
HAM15D	525	1	Yes
	2692	2	No
	97	8	Blank but applicable
	4	9	Don't know
	16732		Blank

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions		Item description		
SAS name	Counts	and code		Notes

-----

	1972		Heart disease	
HAM15E	227	1	Yes	
	2990	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1973		Allergy	
HAM15F	53	1	Yes	
	3164	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1974		Ulcer	
HAM15G	119	1	Yes	
	3098	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1975		Other reason	
HAM15H	77	1	Yes	
	3140	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1976		Pregnancy	
HAM15K	99	1	Yes	
	3118	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions		Item description		
SAS name	Counts	and code		Notes

-----

	1977		Arthritis	
HAM15L	23	1	Yes	
	3194	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	
	1978		Back pain	
HAM15M	15	1	Yes	
	3202	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	
	1979		Esophagus/stomach/gastric	
HAM15N	115	1	Yes	
	3102	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	
	1980		Cancer/tumors	
HAM15O	35	1	Yes	
	3182	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	
	1981		Dental/oral problems	
HAM15P	20	1	Yes	
	3197	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions		Item description		
SAS name	Counts	and code		Notes

-----

	1982		Constipation	
HAM15Q	9	1	Yes	
	3208	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1983		Gallstones/gallbladder	
HAM15R	36	1	Yes	
	3181	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1984		Intestinal problems	
HAM15S	56	1	Yes	
	3161	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1985		Hernia	
HAM15T	28	1	Yes	
	3189	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1986		Anemia	
HAM15U	10	1	Yes	
	3207	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION M. DIET  
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Positions		Item description		
SAS name	Counts	and code		Notes

-----

	1987		Stroke	
HAM15V	19	1	Yes	
	3198	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1988		Psychologically related	
HAM15W	15	1	Yes	
	3202	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1989		Infections/viruses	
HAM15X	23	1	Yes	
	3194	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1990		Dietary related	
HAM15Y	62	1	Yes	
	3155	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

	1991		General health	
HAM15Z	54	1	Yes	
	3163	2	No	
	97	8	Blank but applicable	
	4	9	Don't know	
	16732		Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
		HAND CARD HAQ-5.	
		Now I'm going to ask you how often you usually eat certain foods. When answering think about your usual diet over the past month. Tell me how often you usually ate or drank these foods per day, per week, per month, or not at all.	
		MILK AND MILK PRODUCTS	
		First are milk and milk products. Do not include their use in cooking.	
1992-1994 HAN1AS		How often did you have chocolate milk and hot cocoa? (per month)	See note
	14249	000 Never	
	5755	001-213	
	30	888 Blank but applicable	
	16	999 Don't know	
1995-1998 HAN1BS		How often did you have milk to drink or on cereal? Do not count small amounts of milk added to coffee or tea. (per month)	See note
	3241	0000 None/never	
	16745	0001-0608	
	50	8888 Blank but applicable	
	14	9999 Don't know	
1999 HAN1C		CHECK ITEM. REFER TO RESPONSES IN HAN1A AND HAN1B.	
	2748	1 Never has milk (HAN1A & HAN1B)	
	17302	2 Other	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2000-2001 HAN1D		What type of milk was it? Was it usually whole, 2%, 1%, skim, nonfat, or some other type?	See note
	8730	01 Whole/regular	
	5377	02 2% /low fat	
	830	03 1%	
	2080	04 Skim/nonfat	
	68	05 Buttermilk	
	52	06 Evaporated	
	12	07 Other	
	38	09 Half and half	
	77	88 Blank but applicable	
	38	99 Don't know	
	2748	Blank	
2002-2004 HAN1ES		Yogurt and frozen yogurt? (per month)	See note
	14114	000 Never	
	5900	001-122	
	23	888 Blank but applicable	
	13	999 Don't know	
2005-2007 HAN1FS		Ice cream, ice milk, and milkshakes? (per month)	See note
	5929	000 Never	
	14073	001-456	
	31	888 Blank but applicable	
	17	999 Don't know	
2008-2010 HAN1GS		Cheese, all types including American, Swiss, cheddar, and cottage cheese? (per month)	See note
	2606	000 Never	
	17396	001-182	
	32	888 Blank but applicable	
	16	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2011-2013 HAN1HS	7701	Pizza, calzone, and lasagna? (per month)	See note
	12310	000 Never	
	29	001-182	
	10	888 Blank but applicable	
		999 Don't know	
2014-2016 HAN1IS		Cheese dishes such as macaroni and cheese, cheese nachos, cheese enchiladas, and quesadillas? (per month)	See note
	6090	000 Never	
	13912	001-213	
	28	888 Blank but applicable	
	20	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
		MAIN DISHES, MEAT, FISH, CHICKEN, AND EGGS	
		Next are main dishes, meat, fish, chicken, and eggs.	
2017-2019 HAN2AS		How often did you eat any type of stew or soup containing vegetables, including minestrone, tomato, and split pea? (per month)	See note
	4117	000 Never	
	15879	001-152	
	27	888 Blank but applicable	
	27	999 Don't know	
2020-2022 HAN2BS		Spaghetti and pasta with tomato sauce? (per month)	See note
	5884	000 Never	
	14124	001-091	
	27	888 Blank but applicable	
	15	999 Don't know	
2023-2026 HAN2CS		Bacon, sausage (chorizo) and luncheon meats such as hot dogs, salami, and bologna? (per month)	See note
	4074	0000 Never	
	15939	0001-0608	
	28	8888 Blank but applicable	
	9	9999 Don't know	
2027-2029 HAN2DS		Liver and other organ meats such as heart, kidney, tongue, and tripe (menudo)? (per month)	See note
	13926	000 Never	
	6084	001-061	
	28	888 Blank but applicable	
	12	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2030-2032 HAN2ES		Beef, including hamburger, steaks, roast beef, and meatloaf? (per month)	See note
	1127	000 Never	
	18882	001-213	
	28	888 Blank but applicable	
	13	999 Don't know	
2033-2035 HAN2FS		Pork and ham, including roast pork, pork chops, and spare ribs? (per month)	See note
	5643	000 Never	
	14373	001-122	
	22	888 Blank but applicable	
	12	999 Don't know	
2036-2038 HAN2GS		Shrimp, clams, oysters, crab, and lobster? (per month)	See note
	10478	000 Never	
	9529	001-122	
	28	888 Blank but applicable	
	15	999 Don't know	
2039-2041 HAN2HS		Fish including fillets, fish sticks, fish sandwiches, and tuna fish? (per month)	See note
	3575	000 Never	
	16436	001-213	
	27	888 Blank but applicable	
	12	999 Don't know	
2042-2044 HAN2IS		Chicken, all types, including baked, fried, chicken nuggets, and chicken salad? Include turkey. (per month)	See note
	741	000 Never	
	19271	001-243	
	24	888 Blank but applicable	
	14	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions		Item description	
SAS name	Counts	and code	Notes
2045-2047		How often did you have eggs	See note
HAN2JS		including scrambled, fried, omelettes, hard-boiled eggs, and egg salad? (per month)	
	3430	000 Never	
	16579	001-213	
	30	888 Blank but applicable	
	11	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
FRUIT AND FRUIT JUICES			
Next are fruit juices and fruit. Include all forms - fresh, frozen, canned, and dried.			
2048-2050 HAN3AS		How often did you have orange juice, grapefruit juice and tangerine juice? (per month)	See note
	4446	000 Never	
	15566	001-304	
	28	888 Blank but applicable	
	10	999 Don't know	
2051-2053 HAN3BS		Other fruit juices such as grape juice, apple juice, cranberry juice, and fruit nectars? (per month)	See note
	9288	000 Never	
	10710	001-304	
	27	888 Blank but applicable	
	25	999 Don't know	
2054-2056 HAN3CS		Citrus fruits including oranges, grapefruits, and tangerines? (per month)	See note
	7761	000 Never	
	12244	001-365	
	27	888 Blank but applicable	
	18	999 Don't know	
2057-2059 HAN3DS		Melons including cantaloupe, honeydew, and watermelon? (per month)	See note
	11185	000 Never	
	8822	001-182	
	26	888 Blank but applicable	
	17	999 Don't know	

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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2060-2062 HAN3ES		Peaches, nectarines, apricots, guava, mango, and papaya? (per month)	See note
	10527	000 Never	
	9469	001-152	
	33	888 Blank but applicable	
	21	999 Don't know	
2063-2065 HAN3FS		How often did you have any other fruits such as apples, bananas, pears, berries cherries, grapes, plums, and strawberries? (Include plantains.) (per month)	See note
	1725	000 Never	
	18275	001-182	
	33	888 Blank but applicable	
	17	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
VEGETABLES			
These next questions are about vegetables. Please remember to include fresh, raw, frozen, canned, and cooked vegetables.			
2066-2068 HAN4AS		How often did you have carrots and vegetable mixtures containing carrots? (per month)	See note
	4206	000 Never	
	15788	001-152	
	28	888 Blank but applicable	
	28	999 Don't know	
2069-2071 HAN4BS		Broccoli? (per month)	See note
	6981	000 Never	
	13025	001-091	
	27	888 Blank but applicable	
	17	999 Don't know	
2072-2074 HAN4CS		Brussels sprouts and cauliflower? (per month)	See note
	11607	000 Never	
	8398	001-091	
	29	888 Blank but applicable	
	16	999 Don't know	
2075-2077 HAN4DS		White potatoes, including baked, mashed, boiled, french-fries, and potato salad? (per month)	See note
	789	000 Never	
	19212	001-213	
	35	888 Blank but applicable	
	14	999 Don't know	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2078-2080 HAN4ES		Sweet potatoes, yams, and orange squash including acorn, butternut, hubbard, and pumpkin? (per month)	See note
	10977	000 Never	
	9029	001-122	
	29	888 Blank but applicable	
	15	999 Don't know	
2081-2083 HAN4FS		Tomatoes including fresh and stewed tomatoes, tomato juice, and salsa? (per month)	See note
	2902	000 Never	
	17102	001-182	
	32	888 Blank but applicable	
	14	999 Don't know	
2084-2086 HAN4GS		Spinach, greens, collards, and kale? (per month)	See note
	9033	000 Never	
	10960	001-213	
	32	888 Blank but applicable	
	25	999 Don't know	
2087-2089 HAN4HS		Tossed salad? (per month)	See note
	4085	000 Never	
	15917	001-152	
	31	888 Blank but applicable	
	17	999 Don't know	
2090-2092 HAN4IS		Cabbage, cole slaw, and sauerkraut? (per month)	See note
	6917	000 Never	
	13079	001-091	
	32	888 Blank but applicable	
	22	999 Don't know	

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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2093-2095 HAN4JS		Hot red chili peppers. Do not count ground red chili peppers? (per month)	See note
	15066	000 Never	
	4942	001-243	
	30	888 Blank but applicable	
	12	999 Don't know	
2096-2098 HAN4KS		Peppers including green, red, and yellow peppers? (per month)	See note
	9397	000 Never	
	10594	001-122	
	31	888 Blank but applicable	
	28	999 Don't know	
2099-2101 HAN4LS		Any other vegetables such as green beans, corn, peas, mushrooms, and zucchini? (per month)	See note
	1284	000 Never	
	18714	001-243	
	36	888 Blank but applicable	
	16	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
BEANS, NUTS, CEREALS, AND GRAIN PRODUCTS			
2102-2104 HAN5AS		How often did you have beans, lentils, and (chickpeas/garbanzos)? Include kidney, pinto, refried, black, and baked beans. (per month)	See note
	3586	000 Never	
	16414	001-182	
	34	888 Blank but applicable	
	16	999 Don't know	
2105-2107 HAN5BS		Peanuts, peanut butter, other types of nuts, and seeds? (per month)	See note
	7092	000 Never	
	12909	001-182	
	36	888 Blank but applicable	
	13	999 Don't know	
2108-2110 HAN5CS		How about All-Bran, All-Bran Extra Fiber, 100% Bran, and Fiber One? (per month)	See note
	17289	000 Never	
	2712	001-152	
	28	888 Blank but applicable	
	21	999 Don't know	
2111-2113 HAN5DS		Total, Product 19, Most, and Just Right? (per month)	See note
	17789	000 Never	
	2213	001-152	
	29	888 Blank but applicable	
	19	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
2114-2116 HAN5ES		All other cold cereals like corn flakes, Cheerios, Rice Krispies, and presweetened cereals? (per month)	See note
	7408	000 Never	
	12598	001-334	
	28	888 Blank but applicable	
	16	999 Don't know	
2117-2119 HAN5FS		Cooked, hot cereals like oatmeal, cream of wheat, cream of rice, and grits? (per month)	See note
	10015	000 Never	
	9988	001-182	
	31	888 Blank but applicable	
	16	999 Don't know	
2120-2122 HAN5GS		How often did you have white bread, rolls, bagels, biscuits, English muffins, and crackers? Include those used for sandwiches. (per month)	See note
	2656	000 Never	
	17348	001-304	
	31	888 Blank but applicable	
	15	999 Don't know	
2123-2125 HAN5HS		Dark breads and rolls, including whole wheat, rye, and pumpernickel? (per month)	See note
	8594	000 Never	
	11409	001-274	
	27	888 Blank but applicable	
	20	999 Don't know	
2126-2128 HAN5IS		Corn bread, corn muffins, and corn tortillas? (per month)	See note
	6728	000 Never	
	13265	001-456	
	37	888 Blank but applicable	
	20	999 Don't know	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2129-2131 HAN5JS	12966	Flour tortillas? (per month) 000 Never	See note
	7040	001-182	
	33	888 Blank but applicable	
	11	999 Don't know	
2132-2134 HAN5KS	3381	Rice? (per month) 000 Never	See note
	16616	001-213	
	41	888 Blank but applicable	
	12	999 Don't know	
2135-2137 HAN5LS		Salted snacks such as potato chips, taco chips, corn chips, and salted pretzels and popcorn? (per month)	See note
	6226	000 Never	
	13762	001-365	
	50	888 Blank but applicable	
	12	999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION N. FOOD FREQUENCY  
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Positions SAS name	Counts	Item description and code	Notes
-----			
DESSERTS, SWEETS, AND BEVERAGES			
2138-2141 HAN6AS		How often did you have cakes, cookies, brownies, pies, doughnuts, and pastries? (per month)	See note
	3426	0000 Never	
	16583	0001-0608	
	24	8888 Blank but applicable	
	17	9999 Don't know	
2142-2144 HAN6BS		Chocolate candy and fudge? (per month)	See note
	10419	000 Never	
	9590	001-182	
	29	888 Blank but applicable	
	12	999 Don't know	
2145-2148 HAN6CS		How often did you have Hi-C, Tang, Hawaiian Punch, Koolaid, and other drinks with added vitamin C? (per month)	See note
	11427	0000 Never	
	8582	0001-0608	
	27	8888 Blank but applicable	
	14	9999 Don't know	
2149-2151 HAN6DS		Diet colas, diet sodas, and diet drinks such as Crystal Light? (per month)	See note
	13879	000 Never	
	6128	001-547	
	30	888 Blank but applicable	
	13	999 Don't know	
2152-2155 HAN6ES		Regular colas and sodas, not diet? (per month)	See note
	7515	0000 Never	
	12498	0001-0608	
	28	8888 Blank but applicable	
	9	9999 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2156-2159 HAN6FS		Regular coffee with caffeine? (per month)	See note
	7799	0000 Never	
	12195	0001-0608	
	47	8888 Blank but applicable	
	9	9999 Don't know	
2160-2163 HAN6GS		Regular tea with caffeine? (per month)	See note
	11043	0000 Never	
	8961	0001-0608	
	34	8888 Blank but applicable	
	12	9999 Don't know	
2164-2166 HAN6HS		Beer and lite beer? (per month)	See note
	13109	000 Never	
	6898	001-365	
	33	888 Blank but applicable	
	10	999 Don't know	
2167-2169 HAN6IS		Wine, wine coolers, sangria, and champagne? (per month)	See note
	16167	000 Never	
	3842	001-091	
	27	888 Blank but applicable	
	14	999 Don't know	
2170-2172 HAN6JS		Hard liquor such as tequila, gin, vodka, scotch, rum, whiskey and liqueurs, either alone or mixed? (per month)	See note
	15810	000 Never	
	4194	001-486	
	29	888 Blank but applicable	
	17	999 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		FATS	
		How often were these items added to your food after preparation? For example, this would include on top of vegetables or baked potatoes, or as a spread on bread.	
2173-2175 HAN7AS	6287	Margarine? (per month) 000 Never	See note
	13680	001-213	
	44	888 Blank but applicable	
	39	999 Don't know	
2176-2178 HAN7BS	13576	Butter? (per month) 000 Never	See note
	6393	001-365	
	40	888 Blank but applicable	
	41	999 Don't know	
2179-2181 HAN7CS		Oil and vinegar, mayonnaise and salad dressings such as Italian and Thousand Island, including those added to salads and sandwiches? (per month)	See note
	3321	000 Never	
	16650	001-304	
	51	888 Blank but applicable	
	28	999 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAN8	2182	Have I missed any other foods or beverages that you had at least once per week in the past month?	
	2303	1 Yes	
	17658	2 No	
	88	8 Blank but applicable	
	1	9 Don't know	
2183-2184 HAN8ACD		Codes for first missed food/beverage	See note
	80	01 Egg substitutes	
	612	02 Decaffeinated coffee	
	207	03 Decaffeinated/herb tea	
	188	04 Fruit drinks, popsicles	
	682	05 Water (tap, mineral, sprg, sltizr & soda)	
	40	06 Soy products-tofu, soy milk, tvp	
	26	07 Non-alcoholic beer/wine	
	468	08 Other, nos or nec	
	88	88 Blank but applicable	
	17659	Blank	
2185-2188 HAN8AS		How often did you eat... in the past month? (per month)	See note
	2189	0004-0912	
	201	8888 Blank but applicable	
	1	9999 Don't know	
	17659	Blank	
2189-2190 HAN8BCD		Codes for second missed food/beverage	See note
	1945	00 No other	
	2	01 Egg substitutes	
	36	02 Decaffeinated coffee	
	107	03 Decaffeinated/herb tea	
	21	04 Fruit drinks, popsicles	
	161	05 Water (tap, mineral, sprg, sltizr & soda)	
	5	06 Soy products-tofu, soy milk, tvp	
	25	08 Other, nos or nec	
	89	88 Blank but applicable	
	17659	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2191-2194 HAN8BS		How often did you eat... in the past month? (per month)	See note
	339	0004-0608	
	107	8888 Blank but applicable	
	19604	Blank	
2195-2196 HAN8CCD		Codes for third missed food/beverage	See note
	302	00 No other	
	1	01 Egg substitutes	
	6	02 Decaffeinated coffee	
	8	03 Decaffeinated/herb tea	
	5	04 Fruit drinks, popsicles	
	28	05 Water (tap, mineral, sprg, sltZR & soda)	
	1	06 Soy products-tofu, soy milk, tvp	
	1	07 Non-alcoholic beer/wine	
	5	08 Other, nos or nec	
	89	88 Blank but applicable	
	19604	Blank	
2197-2199 HAN8CS		How often did you eat... in the past month? (per month)	See note
	54	004-304	
	90	888 Blank but applicable	
	19906	Blank	
2200-2201 HAN8DCD		Codes for fourth missed food/beverage	See note
	38	00 No other	
	1	02 Decaffeinated coffee	
	2	03 Decaffeinated/herb tea	
	1	04 Fruit drinks, popsicles	
	11	05 Water (tap, mineral, sprg, sltZR & soda)	
	2	08 Other, nos or nec	
	89	88 Blank but applicable	
	19906	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2202-2204 HAN8DS		How often did you eat... in the past month? (per month)	See note
	3	004	
	2	009	
	2	013	
	1	017	
	1	025	
	4	030	
	1	061	
	2	091	
	2	152	
	88	888 Blank but applicable	
	19944	Blank	
2205-2206 HAN8ECD		Codes for fifth missed food/beverage	See note
	13	00 No other	
	3	03 Decaffeinated/herb tea	
	2	05 Water (tap, mineral, sprg, sltizr & soda)	
	88	88 Blank but applicable	
	19944	Blank	
2207-2209 HAN8ES		How often did you eat... in the past month? (per month)	See note
	1	004	
	2	009	
	1	030	
	1	061	
	88	888 Blank but applicable	
	19957	Blank	
2210-2211 HAN8FCD		Codes for sixth missed food/beverage	See note
	3	00 No other	
	1	03 Decaffeinated/herb tea	
	1	08 Other, nos or nec	
	88	88 Blank but applicable	
	19957	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
2212-2214 HAN8FS		How often did you eat... in the past month? (per month)	See note
	1	004	
	1	122	
	88	888 Blank but applicable	
	19960	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions SAS name	Counts	Item description and code	Notes
	2215	CHECK ITEM. REFER TO AGE OF SP.	
HAN9	1225	1 Under 20 years old (HAP1)	
	18825	2 20 years and older	
		REFER TO AGE OF SP. HAND CARD HAQ-6. READ RESPONSE CATEGORIES TO SP IF NECESSARY.	
		Now I am going to ask how often you drank milk over your lifetime. Try to remember whether you were a milk drinker or a non-milk drinker during different times in your life. Then think of certain events that might have occurred during that time period; for example, were you in school, at home with children, of a farm, or in the service.	
		How often did you drink any type of milk, including milk added to cereal, when you were a -- ? Do not count small amounts added to coffee or tea.	
	2216	Child (5-12)	
HAN10A	786	0 Never	
	9306	1 More than once per day	
	5604	2 Once per day	
	1562	3 < once per day but > once per week	
	494	4 Once per week	
	512	5 Less than once per week	
	29	8 Blank but applicable	
	532	9 Don't know	
	1225	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

	2217		Teenager (13-17)
HAN10B	1217	0	Never
	6933	1	More than once per day
	6085	2	Once per day
	2678	3	< once per day but > once per week
	814	4	Once per week
	751	5	Less than once per week
	25	8	Blank but applicable
	322	9	Don't know
	1225		Blank

	2218		Young adult (18-35)
HAN10C	1675	0	Never
	3914	1	More than once per day
	5557	2	Once per day
	4517	3	< once per day but > once per week
	1331	4	Once per week
	1618	5	Less than once per week
	31	8	Blank but applicable
	182	9	Don't know
	1225		Blank

	2219		Middle-aged adult (36-65)
HAN10D	1510	0	Never
	1904	1	More than once per day
	3714	2	Once per day
	3161	3	< once per day but > once per week
	955	4	Once per week
	1361	5	Less than once per week
	73	8	Blank but applicable
	114	9	Don't know
	7258		Blank

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION N. FOOD FREQUENCY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	2220	Older adult (over 65)	
HAN10E	553	0 Never	
	904	1 More than once per day	
	1919	2 Once per day	
	959	3 < once per day but > once per week	
	232	4 Once per week	
	329	5 Less than once per week	
	56	8 Blank but applicable	
	25	9 Don't know	
	15073	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAP1	2221	Do you have total blindness in one or both eyes?	
	358	1 Yes	
	19668	2 No	
	17	8 Blank but applicable	
	7	9 Don't know	
HAP1A	2222	Do you have total blindness... IF YES, ASK: Which, one or both eyes?	
	308	1 One	
	33	2 Both	
	34	8 Blank but applicable	
	19675	Blank	
HAP2	2223	Do you use eyeglasses, contact lenses or both?	
		INCLUDE EYEGASSES THAT JUST MAGNIFY.	
	11383	1 Eyeglasses	
	365	2 Contact lenses	
	794	3 Both	
	7487	4 Neither	
	21	8 Blank but applicable	
HAP3	2224	Do you have trouble seeing with one or both eyes (even when wearing glasses or contact lenses)?	
	2946	1 Yes	
	17040	2 No	
	54	8 Blank but applicable	
	10	9 Don't know	
HAP4	2225	(When wearing your eyeglasses/contact lenses) can you see well enough to recognize a friend across the street?	
	19132	1 Yes (HAP8)	
	812	2 No	
	63	8 Blank but applicable	
	43	9 Don't know	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAP5	2226	(When wearing your eyeglasses/contact lenses) can you see well enough to recognize a friend across a room?	
	675	1 Yes (HAP8)	
	189	2 No	
	38	8 Blank but applicable	
	16	9 Don't know	
	19132	Blank	
HAP6	2227	(When wearing your eyeglasses/contact lenses) can you see well enough to recognize a friend who is at arm's length away?	
	123	1 Yes (HAP8)	
	80	2 No	
	34	8 Blank but applicable	
	6	9 Don't know	
	19807	Blank	
HAP7	2228	(When wearing your eyeglasses/contact lenses) can you see well enough to recognize a friend if you get close to his/her face?	
	32	1 Yes	
	49	2 No	
	32	8 Blank but applicable	
	7	9 Don't know	
	19930	Blank	
HAP8	2229	(When wearing your eyeglasses/contact lenses) can you see well enough to read ordinary newspaper print?	
	19019	1 Yes (HAP10)	
	962	2 No	
	25	8 Blank but applicable	
	44	9 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAP9	2230	(When wearing your eyeglasses/contact lenses) can you see well enough to read large print such as newspaper headlines?	
	769	1 Yes	
	184	2 No	
	42	8 Blank but applicable	
	36	9 Don't know	
	19019	Blank	
HAP10	2231	Do you now have total deafness in one or both ears?	
	491	1 Yes	
	19525	2 No	
	15	8 Blank but applicable	
	19	9 Don't know	
HAP10A	2232	Do you have total deafness... IF YES, ASK: Which, one or both ears?	
	390	1 One	
	85	2 Both	
	31	8 Blank but applicable	
	19544	Blank	
HAP11	2233	Do you use a hearing aid?	
	650	1 Yes	
	19357	2 No	
	43	8 Blank but applicable	
HAP12	2234	Let's be more specific.  Do you have trouble hearing (even when wearing your hearing aid)?	
	2760	1 Yes	
	17247	2 No	
	40	8 Blank but applicable	
	3	9 Don't know	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
HAP13	2235	(With a hearing aid) can you hear most of the things people say?	
	19442	1 Yes (HAP15)	
	540	2 No	
	50	8 Blank but applicable	
	18	9 Don't know	
HAP14	2236	(With a hearing aid) can you hear only a few words people say or loud noises?	
	420	1 Yes	
	111	2 No	
	58	8 Blank but applicable	
	19	9 Don't know	
	19442	Blank	
HAP15	2237	Do you have difficulty using a telephone because of hearing problems?	
	987	1 Yes	
	18407	2 No	
	610	3 No telephone	
	26	8 Blank but applicable	
	20	9 Don't know	
HAP16	2238	CHECK ITEM. REFER TO AGE OF SP.	
	13672	1 Under 60 years or proxy respondent (HAQ1)	
	6378	2 60 + years	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

I am going to name 3 objects.  
After I have said them, I want you  
to repeat them. Remember what they  
are because I am going to ask you  
to name them again in a few  
minutes.

"Apple"      "Table"      "Penny"

Could you repeat the 3 items for me?

	2239		Apple
HAP17A1	5965	1	Correct
	67	2	Error
	345	8	Blank but applicable
	1	9	Don't know
	13672		Blank
	2240		Table
HAP17A2	5797	1	Correct
	234	2	Error
	346	8	Blank but applicable
	1	9	Don't know
	13672		Blank
	2241		Penny
HAP17A3	5797	1	Correct
	233	2	Error
	347	8	Blank but applicable
	1	9	Don't know
	13672		Blank

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----------------------	--------	------------------------------	-------

-----

2242 HAP17B		REPEAT OBJECTS UNTIL ALL 3 ARE LEARNED OR UNTIL YOU HAVE REPEATED THESE 3 TIMES. RECORD NUMBER OF TRIALS UNTIL OBJECTS ARE LEARNED.	
	5606	1 Trial	
	224	2 Trials	
	120	3 3 or more trials	
	428	8 Blank but applicable	
	13672	Blank	

If you have \$20 and you take  
away \$3, how many dollars do you  
have left?

Keep subtracting \$3 from the answer  
until I tell you to stop.

RECORD ANSWERS, WHETHER CORRECT OR  
NOT.

2243-2244 HAP18A		(\$17)	
	6035	01-27	
	217	55 Says can't do	
	120	88 Blank but applicable	
	6	99 Don't know	
	13672	Blank	

2245-2246 HAP18B		(\$14)	
	1	00	
	5897	01-24	
	348	55 Says can't do	
	120	88 Blank but applicable	
	12	99 Don't know	
	13672	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2247-2248		(\$11)	
HAP18C	3	00	
	5822	01-27	
	414	55	Says can't do
	122	88	Blank but applicable
	17	99	Don't know
	13672	Blank	
2249-2250		(\$8)	
HAP18D	14	00	
	5746	01-30	
	468	55	Says can't do
	130	88	Blank but applicable
	20	99	Don't know
	13672	Blank	
2251-2252		(\$5)	
HAP18E	25	00	
	5694	01-33	
	490	55	Says can't do
	145	88	Blank but applicable
	24	99	Don't know
	13672	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION P. VISION AND HEARING  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

Now what were the 3 objects I  
asked you to remember?

Could you repeat the 3 items for me?

SCORE FIRST TRIAL.

DO NOT REPEAT ITEM TO RESPONDENT.

	2253		Apple
HAP19A	5477	1	Correct
	757	2	Error
	142	8	Blank but applicable
	2	9	Don't know
	13672		Blank
	2254		Table
HAP19B	4824	1	Correct
	1406	2	Error
	145	8	Blank but applicable
	3	9	Don't know
	13672		Blank
	2255		Penny
HAP19C	4526	1	Correct
	1704	2	Error
	146	8	Blank but applicable
	2	9	Don't know
	13672		Blank

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Q. DENTAL CARE AND STATUS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2256-2257 HAQ1		How would you describe the condition of your natural teeth: excellent, very good, good, fair or poor?	
	1448	01 Excellent	
	2433	02 Very good	
	5666	03 Good	
	4891	04 Fair	
	2861	05 Poor	
	2734	06 Has no natural teeth	
	16	88 Blank but applicable	
	1	99 Don't know	
		What type of dental care do you need now?	
		HAND CARD HAQ-7.	
2258 HAQ2A		Teeth filled or replaced (for example, fillings crowns or bridges)	
	6029	1 Yes	
	13554	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
2259 HAQ2B		Teeth pulled	
	2458	1 Yes	
	17125	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
2260 HAQ2C		Gum treatment	
	1179	1 Yes	
	18404	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Q. DENTAL CARE AND STATUS  
-----

Positions SAS name	Counts	Item description and code	Notes
	2261	Denture work	
HAQ2D	2058	1 Yes	
	17525	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
	2262	Relief of pain	
HAQ2E	437	1 Yes	
	19146	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
	2263	Work to improve appearance (for example, braces or bonding)	
HAQ2F	1344	1 Yes	
	18239	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
	2264	Other	
HAQ2G	17	1 Yes	
	19566	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	
	2265	Nothing	
HAQ2I	7862	1 Yes	
	11720	2 No	
	177	8 Blank but applicable	
	291	9 Don't know	
	2266	Cleaning	
HAQ2K	4522	1 Yes	
	15061	2 No	
	177	8 Blank but applicable	
	290	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Q. DENTAL CARE AND STATUS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	2267	Checkup	
HAQ2L	1411	1 Yes	
	18171	2 No	
	177	8 Blank but applicable	
	291	9 Don't know	
2268-2272 HAQ3S		How long ago was your last visit to a dentist or dental hygienist? (days)	See note
	937	00000 None/never (HAQ5)	
	18859	00001-25550	
	132	88888 Blank but applicable	
	122	99999 Don't know	
2273-2274 HAQ4		How often do you go to the dentist or dental hygienist?	
		MARK FIRST APPLICABLE BOX.	
	7355	01 At least once a year	
	482	02 Every 2 years	
	272	03 Less often than every 2 years	
	10512	04 Whenever needed - no regular schedule	
	386	05 Other or doesn't go any more	
	26	88 Blank but applicable	
	80	99 Don't know	
	937	Blank	
HAQ5	2275	Have you had "cold sores" or "fever blisters" on your lips in the past 12 months?	
	3016	1 Yes	
	17007	2 No	
	19	8 Blank but applicable	
	8	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Q. DENTAL CARE AND STATUS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAQ6	2276	Have you had "canker sores" or other ulcers or sores inside your mouth in the past 12 months?	
	2287	1 Yes	
	17718	2 No	
	21	8 Blank but applicable	
	24	9 Don't know	
HAQ7	2277	CHECK ITEM. REFER TO AGE OF SP.	
	8654	1 50 + years (HAR1)	
	11396	2 Under 50 years	
HAQ8	2278	Have you ever received orthodontic treatment such as wearing braces, bands, or removable appliances to straighten your teeth?	
	1280	1 Yes	
	10055	2 No (HAR1)	
	61	8 Blank but applicable	
	8654	Blank	
HAQ9	2279-2280	How old were you when you started your most recent orthodontic treatment?	
	1270	04-49	
	65	88 Blank but applicable	
	6	99 Don't know	
	18709	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAR1	2281	Have you smoked at least 100 cigarettes during your entire life?	
		APPROXIMATELY 5 PACKS.	
	9799	1 Yes	
	10235	2 No (HAR14)	
	16	8 Blank but applicable	
HAR2	2282-2284	How old were you when you first started smoking cigarettes fairly regularly?	
	273	000 Never	
	9442	005-078	
	30	888 Blank but applicable	
	70	999 Don't know	
	10235	Blank	
HAR3	2285	Do you smoke cigarettes now?	
	4990	1 Yes	
	4807	2 No (HAR11)	
	18	8 Blank but applicable	
	10235	Blank	
HAR4S	2286-2288	About how many cigarettes do you smoke per day?	See note
	4656	001-140	
	59	666 Varies or varied	
	237	777 Less than 1 cigarette per day	
	51	888 Blank but applicable	
	5	999 Don't know	
	15042	Blank	
HAR5	2289-2291	For approximately how many years have you smoked this amount?	
	4769	001-080	
	133	777 Less than 1 year	
	59	888 Blank but applicable	
	47	999 Don't know	
	15042	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
HAR6	2292	Was there ever a period of a year or more when you smoked more than (NUMBER IN R4) cigarettes per day?	
	1718	1 Yes	
	3269	2 No (HAR9)	
	18	8 Blank but applicable	
	3	9 Don't know	
	15042	Blank	
HAR7S	2293-2296	During the period when you were smoking the most, about how many cigarettes per day did you usually smoke?	See note
	1652	0001-0200	
	28	6666 Varies or varied	
	52	8888 Blank but applicable	
	4	9999 Don't know	
	18314	Blank	
HAR8	2297-2299	For how many years did you smoke that amount?	
	1644	001-073	
	49	888 Blank but applicable	
	43	999 Don't know	
	18314	Blank	
HAR9	2300	Have you ever quit smoking for a period of one year or longer?	
	1157	1 Yes	
	3827	2 No (HAR14)	
	22	8 Blank but applicable	
	2	9 Don't know	
	15042	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2301-2303 HAR10		Since you first started smoking; how many years altogether have you stayed off cigarettes?	
	1146	001-040	
	25	888 Blank but applicable	
	8	999 Don't know	
	18871	Blank	
2304-2306 HAR11R		About how old were you when you last smoked cigarettes (fairly regularly)?	See note
		PROBE: How old were you when you quit smoking cigarettes?	
	4721	008-088	
	2	090 90 + years	
	25	888 Blank but applicable	
	59	999 Don't know	
	15243	Blank	
2307-2309 HAR12S		About how many cigarettes per day did you usually smoke at that time?	See note
	4508	001-240	
	105	666 Varies or varied	
	152	777 Less than 1 per day	
	17	888 Blank but applicable	
	25	999 Don't know	
	15243	Blank	
2310 HAR13		Did you quit smoking because you had a health problem that was caused or made worse by smoking?	
	1181	1 Yes	
	3605	2 No	
	6	8 Blank but applicable	
	15	9 Don't know	
	15243	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
HAR14	2311	Have you ever used chewing tobacco or snuff?	
	1716	1 Yes	
	18313	2 No (HAR23)	
	18	8 Blank but applicable	
	3	9 Don't know	
HAR15	2312-2314	At what age did you first start using chewing tobacco or snuff fairly regularly?	
		IF BOTH USED, ENTER EARLIEST AGE.	
	318	000 Never used regularly (HAR20)	
	1349	001-086	
	25	888 Blank but applicable	
	42	999 Don't know	
	18316	Blank	
HAR16	2315	Do you use chewing tobacco or snuff now?	
	602	1 Yes	
	783	2 No (HAR20)	
	31	8 Blank but applicable	
	18634	Blank	
HAR17	2316	Which - chewing tobacco or snuff?	
	328	1 Chewing tobacco	
	230	2 Snuff	
	43	3 Both	
	32	8 Blank but applicable	
	19417	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2317-2319 HAR18AS		How many containers (of snuff) do you use per week?	See note
	113	001	
	32	002	
	14	003	
	7	004	
	5	005	
	3	006	
	32	007	
	1	010	
	1	012	
	4	014	
	13	777 Less than 1 container	
	77	888 Blank but applicable	
	3	999 Don't know	
	19745	Blank	
2320-2322 HAR18BS		How many containers (of chewing tobacco) do you use per week?	See note
	292	001-035	
	20	777 Less than 1 container	
	85	888 Blank but applicable	
	6	999 Don't know	
	19647	Blank	
2323 HAR19A		In the right side, left side, or front of your mouth?	
	221	1 Right side of mouth	
	200	2 Left side of mouth	
	132	3 Front of mouth	
	25	4 No special place	
	49	8 Blank but applicable	
	6	9 Don't know	
	19417	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	2324	In the top or bottom of your mouth?	
HAR19B	35	1 Top (HAR23)	
	474	2 Bottom (HAR23)	
	34	3 Other (HAR23)	
	51	5 No special place (HAR23)	
	36	8 Blank but applicable	
	3	9 Don't know	
	19417	Blank	
	2325-2327	About how old were you when	See note
HAR20R		you last used (chewing tobacco/ snuff) fairly regularly?	
	990	005-089	
	1	090 90 + years	
	53	888 Blank but applicable	
	57	999 Don't know	
	18949	Blank	
	2328	Which did you use - chewing	
HAR21		tobacco or snuff?	
	750	1 Chewing tobacco	
	195	2 Snuff	
	143	3 Both	
	12	8 Blank but applicable	
	1	9 Don't know	
	18949	Blank	
	2329	Did you quit using (chewing	
HAR22		tobacco/snuff) because you had a	
		problem that was caused or made	
		worse because you used (it/them)?	
	114	1 Yes	
	964	2 No	
	16	8 Blank but applicable	
	7	9 Don't know	
	18949	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAR23	2330	Have you ever smoked at least 20 cigars in your entire life?	
	2073	1 Yes	
	17951	2 No (HAR26)	
	21	8 Blank but applicable	
	5	9 Don't know	
HAR24	2331	Do you now smoke cigars?	
	296	1 Yes	
	1772	2 No (HAR26)	
	26	8 Blank but applicable	
	17956	Blank	
HAR25	2332-2333	How many cigars do you smoke per day?	
	178	01-20	
	77	77 Less than 1 per day	
	40	88 Blank but applicable	
	27	99 Don't know	
	19728	Blank	
HAR26	2334	Have you ever smoked at least 20 pipefuls of tobacco in your entire life?	
	1609	1 Yes	
	18411	2 No (HAS1)	
	26	8 Blank but applicable	
	4	9 Don't know	
HAR27	2335	Do you now smoke a pipe?	
	148	1 Yes	
	1465	2 No (HAS1)	
	22	8 Blank but applicable	
	18415	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION R. TOBACCO  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

2336-2337		How many pipefuls of tobacco	
HAR28		do you smoke per day?	
	122	01-25	
	15	77 Less than 1 per day	
	25	88 Blank but applicable	
	8	99 Don't know	
	19880	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAS1	2338	During the past 2 weeks, did you work at any time at a job or business, not counting work around the house?	
		INCLUDE UNPAID WORK IN THE FAMILY (FARM/ BUSINESS).	
	10493	1 Yes (HAS6)	
	9538	2 No	
	19	8 Blank but applicable	
HAS2	2339	Even though you did not work during those 2 weeks, did you have a job or business?	
	348	1 Yes	
	9189	2 No	
	20	8 Blank but applicable	
	10493	Blank	
HAS3	2340	Were you looking for work or on layoff from a job?	
	852	1 Yes	
	8679	2 No (HAS5)	
	26	8 Blank but applicable	
	10493	Blank	
HAS4	2341	Which, looking for work or on layoff from a job?	
	582	1 Looking for work (HAS7)	
	212	2 Layoff (HAS6)	
	50	3 Both (HAS6)	
	34	8 Blank but applicable	
	19172	Blank	
HAS5	2342	CHECK ITEM. REFER TO S2.	
	249	1 Yes in HAS2	
	8430	2 No in HAS2 (HAS17)	
	11371	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2343-2344 HAS8R		What kind of business or industry is this? (For example, TV and radio manufacturing, retail shoe store, state labor department, farm.) (recode)	See note
	342	01 Agriculture production	
	151	02 Agricultural services, forestry, and fishing	
	41	03 Mining	
	671	04 Construction	
	276	05 Food and kindred products	
	148	06 Textile mill products	
	189	07 Apparel and other finished textile products	
	223	08 Paper products, printing, publishing, and allied industries	
	129	09 Chemicals, petroleum, and coal products	
	97	10 Rubber, plastics, and leather products	
	130	11 Lumber and wood products, including furniture	
	188	12 Metal industries	
	175	13 Machinery, except electrical	
	164	14 Electrical machinery, equipment, and supplies	
	263	15 Transportation equipment	
	214	16 Miscellaneous and not specified manufacturing industries	
	161	17 Trucking service	
	326	18 Transportation, except trucking	
	129	19 Communications	
	148	20 Utilities	
	181	21 Wholesale trade, durable goods	
	204	22 Wholesale trade, nondurable and not specified goods	
	173	23 Department stores	
	283	24 Food stores	
	138	25 Vehicle dealers, supply and service stores	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
	113	26 Apparel and accessory stores	
	730	27 Eating and drinking places	
	407	28 Other retail trade	
	243	29 Banking and other finance	
	334	30 Insurance and real estate	
	540	31 Business services	
	188	32 Repair services	
	192	33 Private households	
	217	34 Lodging places	
	223	35 Personal services, except private households and lodging	
	130	36 Entertainment and recreation services	
	138	37 Offices of health practitioners	
	425	38 Hospitals	
	337	39 Health services, n. e. c.	
	733	40 Educational services	
	236	41 Social services	
	311	42 Other professional and related services	
	154	43 Justice, public order, and safety	
	353	44 Public administration, except justice, public order, and safety	
	472	88 Blank but applicable	
	8430	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2345-2346 HAS9R		What kind of work were you doing? (For example, electrical engineer, stock clerk, typist, farmer.) (recode)	See note
	702	01 Executive, administrators, and managers	
	244	02 Management related occupations	
	176	03 Engineers and scientists	
	205	04 Health diagnosing, assessment, and treating occupations	
	355	05 Teachers	
	140	06 Writers, artists, entertainers, and athletes	
	229	07 Other professional specialty occupations	
	279	08 Technicians and related support occupations	
	266	09 Supervisors and proprietors, sales occupations	
	220	10 Sales representatives, finance, business, and, commodities except retail	
	586	11 Sales workers, retail and personal services	
	282	12 Secretaries, stenographers, and typists	
	140	13 Information clerks	
	266	14 Records processing occupations	
	197	15 Material recording, scheduling, and distributing clerks	
	686	16 Miscellaneous administrative support occupations	
	172	17 Private household occupations	
	221	18 Protective service occupations	
	126	19 Waiters and waitresses	
	281	20 Cooks	
	293	21 Miscellaneous food preparation and service occupations	
	294	22 Health service occupations	
	458	23 Cleaning and building service occupations	
	279	24 Personal service occupations	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	128	25 Farm operators, managers, and supervisors	
	204	26 Farm and nursery workers	
	166	27 Related agricultural, forestry, and fishing occupations	
	169	28 Vehicle and mobile equipment mechanics and repairers	
	227	29 Other mechanics and repairers	
	470	30 Construction trades	
	393	31 Extractive and precision production occupations	
	254	32 Textile, apparel, and furnishings machine operators	
	539	33 Machine operators, assorted materials	
	343	34 Fabricators, assemblers, inspectors, and samplers	
	381	35 Motor vehicle operators	
	149	36 Other transportation and material moving occupations	
	122	37 Construction laborers	
	137	38 Laborers, except construction	
	197	39 Freight, stock, and material movers, hand	
	150	40 Other handlers, equipment cleaners, and handlers	
	489	88 Blank but applicable	
	5	99 Don't know	
	8430	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
2347-2348 HAS11		COMPLETE FROM ENTRIES IN HAS6 THRU S10. IF NOT CLEAR, ASK:  Were you an employee of a business or individual for wages, salary or commission? .....	
		-- a Federal government employee? -- a State government employee? -- a local government employee? -- self employed in own business, professional practice, or farm? IF NOT FARM, ASK: Is the business incorporated?	
		-- working without pay in family business or farm? .....	
		-- never worked or never worked at a full-time civilian job lasting 2 weeks or more? .....	
	10	00 Never worked	
	8397	01 Private company	
	322	02 Federal government	
	634	03 State government	
	754	04 Local government	
	202	05 Self employed-incorporated	
	817	06 Self employed-not incorporated	
	19	07 Worked without pay	
	460	88 Blank but applicable	
	5	99 Don't know	
	8430	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2349-2352 HAS12S		For how long (have you worked/did you work) at that job? (in months)	See note
	6	0000 None/never	
	10872	0001-0888	
	133	7777 Less than 1 month	
	606	8888 Blank but applicable	
	3	9999 Don't know	
	8430	Blank	
2353 HAS13		CHECK ITEM. REFER TO HAS1 AND HAS2.	
	748	1 No in HAS1 and HAS2 (HAS17)	
	10841	2 Yes in HAS1 or HAS2	
	31	8 Blank but applicable	
	8430	Blank	
2354-2355 HAS14		At work, how many hours per day are you close enough to people who smoke so that you can smell the smoke?	
	6418	00 None	
	4193	01-24	
	244	88 Blank but applicable	
	17	99 Don't know	
	9178	Blank	
2356 HAS15		In your job as (HAS9R OCCUPATION FOR HAS8R INDUSTRY OR EMPLOYER), do you ever wear protective equipment such as safety glasses, protective gloves, a dust mask, or a respirator?	
	3861	1 Yes	
	6900	2 No (HAS17)	
	109	8 Blank but applicable	
	2	9 Don't know (HAS17)	
	9178	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
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Do you ever wear any of the  
following equipment?

HAS16A	2357	Safety glasses, goggles, or other eye protection such as face shields or welding hoods?	
	2349	1 Yes	
	1516	2 No	
	105	8 Blank but applicable	
	16080	Blank	

HAS16B	2358	Protective gloves (other than gloves for cold weather)?	
	2986	1 Yes	
	875	2 No	
	109	8 Blank but applicable	
	16080	Blank	

HAS16C	2359	Dust mask?	
	1472	1 Yes	
	2373	2 No	
	125	8 Blank but applicable	
	16080	Blank	

HAS16D	2360	Respirator?	
	690	1 Yes	
	3151	2 No	
	127	8 Blank but applicable	
	2	9 Don't know	
	16080	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
HAS17	2361	Thinking of all the paid jobs or businesses you ever had, what kind of work were you doing the longest? (For example, electrical engineer, stock clerk, typist, farmer.) IF IN THE ARMED FORCES, MARK "AF".	
	1142	1 Never worked	
	198	2 Armed forces	
	18363	3 Occupation specify	
	341	8 Blank but applicable	
	6	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2362-2363 HAS17R		Thinking of all the paid jobs or businesses you ever had, what kind of work were you doing the longest? (For example, electrical engineer, stock clerk, typist, farmer.) (recode)	See note
	788	01 Executive, administrators, and managers	
	313	02 Management related occupations	
	258	03 Engineers and scientists	
	324	04 Health diagnosing, assessment, and treating occupations	
	609	05 Teachers	
	210	06 Writers, artists, entertainers, and athletes	
	280	07 Other professional specialty occupations	
	338	08 Technicians and related support occupations	
	347	09 Supervisors and proprietors, sales occupations	
	276	10 Sales representatives, finance, business, and, commodities except retail	
	1116	11 Sales workers, retail and personal services	
	673	12 Secretaries, stenographers, and typists	
	169	13 Information clerks	
	461	14 Records processing occupations	
	275	15 Material recording, scheduling, and distributing clerks	
	1030	16 Miscellaneous administrative support occupations	
	429	17 Private household occupations	
	212	18 Protective service occupations	
	314	19 Waiters and waitresses	
	524	20 Cooks	
	457	21 Miscellaneous food preparation and service occupations	
	523	22 Health service occupations	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	616	23 Cleaning and building service occupations	
	410	24 Personal service occupations	
	364	25 Farm operators, managers, and supervisors	
	785	26 Farm and nursery workers	
	199	27 Related agricultural, forestry, and fishing occupations	
	281	28 Vehicle and mobile equipment mechanics and repairers	
	322	29 Other mechanics and repairers	
	679	30 Construction trades	
	759	31 Extractive and precision production occupations	
	601	32 Textile, apparel, and furnishings machine operators	
	960	33 Machine operators, assorted materials	
	657	34 Fabricators, assemblers, inspectors, and samplers	
	573	35 Motor vehicle operators	
	263	36 Other transportation and material moving occupations	
	248	37 Construction laborers	
	221	38 Laborers, except construction	
	290	39 Freight, stock, and material movers, hand	
	209	40 Other handlers, equipment cleaners, and handlers	
	341	88 Blank but applicable	
	6	99 Don't know	
	1340	Blank	
2364-2366 HAS18		Considering all your employers, for how long did you do this kind of work?	
	17464	001-080	
	1055	777 Less than 1 year	
	329	888 Blank but applicable	
	60	999 Don't know	
	1142	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
HAS19	2367	What kind of business or industry did you work in the longest period of time as a (ENTRY IN HAS17)? MARK BOX IF "AF" MARKED IN HAS17.	
	18401	1 Industry specify	
	108	2 Armed forces	
	397	8 Blank but applicable	
	2	9 Don't know	
	1142	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2368-2369 HAS19R		What kind of business or industry did you work in the longest period of time as a (ENTRY IN HAS17)? (recode)	See note
	1186	01 Agriculture production	
	170	02 Agricultural services, forestry, and fishing	
	106	03 Mining	
	1067	04 Construction	
	519	05 Food and kindred products	
	304	06 Textile mill products	
	404	07 Apparel and other finished textile products	
	355	08 Paper products, printing, publishing, and allied industries	
	208	09 Chemicals, petroleum, and coal products	
	176	10 Rubber, plastics, and leather products	
	196	11 Lumber and wood products, including furniture	
	386	12 Metal industries	
	285	13 Machinery, except electrical	
	274	14 Electrical machinery, equipment, and supplies	
	505	15 Transportation equipment	
	364	16 Miscellaneous and not specified manufacturing industries	
	254	17 Trucking service	
	503	18 Transportation, except trucking	
	261	19 Communications	
	197	20 Utilities	
	196	21 Wholesale trade, durable goods	
	307	22 Wholesale trade, nondurable and not specified goods	
	336	23 Department stores	
	492	24 Food stores	
	201	25 Vehicle dealers, supply and service stores	
	241	26 Apparel and accessory stores	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1293	27 Eating and drinking places	
	702	28 Other retail trade	
	356	29 Banking and other finance	
	402	30 Insurance and real estate	
	545	31 Business services	
	265	32 Repair services	
	465	33 Private households	
	303	34 Lodging places	
	383	35 Personal services, except private households and lodging	
	187	36 Entertainment and recreation services	
	206	37 Offices of health practitioners	
	682	38 Hospitals	
	441	39 Health services, n. e. c.	
	1134	40 Educational services	
	271	41 Social services	
	375	42 Other professional and related services	
	180	43 Justice, public order, and safety	
	718	44 Public administration, except justice, public order, and safety	
	397	88 Blank but applicable	
	2	99 Don't know	
	1250	Blank	
2370		CHECK ITEM. REFER TO HAS1 AND HAS12.	
HAS21	7312	1 Yes in HAS1 and > 12 months in HAS12 (HAS23)	
	11572	2 Other	
	24	8 Blank but applicable	
	1142	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
2371-2372 HAS22		What were you doing most of the past 12 months, working at a job or business, retired, keeping house, going to school, or something else?	
		PRIORITY IF 2 OR MORE ACTIVITIES REPORTED: (1) SPENT MOST TIME DOING; (2) CONSIDERS MOST IMPORTANT. IF "SOMETHING ELSE", PROBE: What were you doing? - CODED	
	2375	01 Working	
	4172	02 Retired (HAS24)	
	3321	03 Keeping house (HAS24)	
	1109	04 Going to school (HAS25)	
	246	05 Something else (HAS25)	
	373	07 Disabled (HAS25)	
	186	08 Laid off/unempl/look for wk (HAS25)	
	956	88 Blank but applicable	
	7312	Blank	
HAS23	2373	Are you limited in the kind or amount of work you can do because of any impairment or health problem?	
	675	1 Yes (HAS26)	
	9913	2 No (HAS25)	
	53	8 Blank but applicable	
	2	9 Don't know	
	9407	Blank	
HAS24	2374	Are you limited in the kind or amount of housework you can do because of any impairment or health problem?	
	1823	1 Yes (HAS26)	
	5670	2 No	
	12557	Blank	

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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAS25	2375	Are you limited in any way in any activities because of an impairment or health problem?	
	1005	1 Yes	
	13594	2 No	
	2898	8 Blank but applicable	
	2	9 Don't know	
	2551	Blank	
HAS26	2376	Have you ever changed your job, stopped working, or made any changes in your housework because of a disability or health problem?	
	2646	1 Yes	
	17381	2 No (HAS28)	
	22	8 Blank but applicable	
	1	9 Don't know	
HAS27A	2377	Did you ... change permanently to an easier job?	
	457	1 Yes	
	2185	2 No	
	26	8 Blank but applicable	
	17382	Blank	
HAS27B	2378	Did you ... change temporarily to an easier job?	
	275	1 Yes	
	2367	2 No	
	25	8 Blank but applicable	
	1	9 Don't know	
	17382	Blank	
HAS27C	2379	Did you ... cut down to part-time work only?	
	331	1 Yes	
	2309	2 No	
	27	8 Blank but applicable	
	1	9 Don't know	
	17382	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
	2380	Did you ...	
HAS27D		have to stop working for a few months?	
	1057	1 Yes	
	1584	2 No	
	26	8 Blank but applicable	
	1	9 Don't know	
	17382	Blank	
	2381	Did you ...	
HAS27E		retire because of a disability?	
	918	1 Yes	
	1719	2 No	
	30	8 Blank but applicable	
	1	9 Don't know	
	17382	Blank	
	2382	Did you ...	
HAS27F		have to cut down on housework?	
	1445	1 Yes	
	1197	2 No	
	26	8 Blank but applicable	
	17382	Blank	
	2383	Did you ...	
HAS27G		stop doing all housework?	
	616	1 Yes	
	2024	2 No	
	28	8 Blank but applicable	
	17382	Blank	
	2384	Did you ...	
HAS27H		make some other change?	
	352	1 Yes	
	2285	2 No	
	31	8 Blank but applicable	
	17382	Blank	

NHANES III Household Adult Data File  
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-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION S. OCCUPATION/LANGUAGE USAGE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

	2385		Other specify - CODED
HAS27HCD	31	1	Stopped working
	17	2	Changed work
	244	3	Limited activities
	12	4	Stopped/decreased lawn/garden work
	20	5	Got assistance
	59	8	Blank but applicable
	19667		Blank

	2386		Which language do you mainly
HAS28			speak at home?
	15727	1	English
	3574	2	Spanish
	474	3	Other
	256	5	Both English and Spanish
	18	8	Blank but applicable
	1	9	Don't know

	2387-2388		IF NOW WORKING OR IN SCHOOL,
HAS29			ASK:
			What language do you mainly speak
			at (work/school)?
	8357	01	Doesn't work or go to school
	10137	02	English
	1186	03	Spanish
	61	04	Other
	280	06	Both English and Spanish equally
	29	88	Blank but applicable

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2389-2392 HAT1S		In the past month, how often did you walk a mile or more at a time without stopping?	See note
	11201	0000 Never	
	8747	0001-0091	
	56	0100 100 +	
	41	8888 Blank but applicable	
	5	9999 Don't know	
2393-2395 HAT1MET		Walking activity - Code 17190 Intensity Rating	See note
	8849	3.5	
	11201	Blank	
		The next questions are about your leisure time physical activity during the past month. We are interested in the following exercises, sports, or physically active hobbies that you might have done.	
HAT2	2396	In the past month did you... jog or run?	
	2435	1 Yes (HAT3)	
	17597	2 No (HAT4)	
	18	8 Blank but applicable	
HAT2MET	2397	Jog or run activity - Code 12150 Intensity Rating	See note
	2453	8	
	17597	Blank	
HAT3S	2398-2401	In the past month, how often did you jog or run?	See note
	2422	0001-0091	
	6	0100 100 +	
	24	8888 Blank but applicable	
	1	9999 Don't know	
	17597	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAT4	2402	In the past month did you... ride a bicycle or an exercise bicycle?	
	3324	1 Yes (HAT5)	
	16705	2 No (HAT6)	
	21	8 Blank but applicable	
HAT4MET	2403	Bicycle activity - Code 3324 Intensity Rating	See note
	3345	5	
	16705	Blank	
HAT5S	2404-2407	In the past month, how often did you ride a bicycle or an exercise bike?	See note
	3308	0001-0091	
	13	0100 100 +	
	24	8888 Blank but applicable	
	16705	Blank	
HAT6	2408	In the past month did you... swim?	
	1413	1 Yes (HAT7)	
	18617	2 No (HAT8)	
	20	8 Blank but applicable	
HAT6MET	2409	Swim activity - Code 18310 Intensity Rating	See note
	1433	6	
	18617	Blank	
HAT7S	2410-2413	In the past month, how often did you swim?	See note
	1408	0001-0091	
	2	0100 100 +	
	23	8888 Blank but applicable	
	18617	Blank	

NHANES III Household Adult Data File  
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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAT8	2414	In the past month did you... do aerobics or aerobic dancing?	
	1345	1 Yes (HAT9)	
	18687	2 No (HAT10)	
	18	8 Blank but applicable	
HAT8MET	2415	Aerobics activity - Code 3015 Intensity Rating	See note
	1363	6	
	18687	Blank	
HAT9S	2416-2419	In the past month, how often did you do aerobics or aerobic dancing?	See note
	1343	0001-0091	
	1	0100 100 +	
	19	8888 Blank but applicable	
	18687	Blank	
HAT10	2420	In the past month did you... do other dancing?	
	3424	1 Yes (HAT11)	
	16607	2 No (HAT12)	
	19	8 Blank but applicable	
HAT10MET	2421-2423	Other dancing activity - Code 3025 Intensity Rating	See note
	3443	4.5	
	16607	Blank	
HAT11S	2424-2427	In the past month, how often did you do other dancing?	See note
	3409	0001-0091	
	7	0100 100 +	
	27	8888 Blank but applicable	
	16607	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
HAT12	2428	In the past month did you... do calisthenics or exercises?	
	3784	1 Yes (HAT13)	
	16246	2 No (HAT14)	
	20	8 Blank but applicable	
HAT12MET	2429-2431	Calisthenics activity - Code 2030 Intensity Rating	See note
	3804	4.5	
	16246	Blank	
HAT13S	2432-2435	In the past month, how often did you do calisthenics or exercises?	See note
	3772	0001-0091	
	7	0100 100 +	
	25	8888 Blank but applicable	
	16246	Blank	
HAT14	2436	In the past month did you... garden or do yard work?	
	7923	1 Yes (HAT15)	
	12109	2 No (HAT16)	
	18	8 Blank but applicable	
HAT14MET	2437	Garden/yard activity - Code 8245 Intensity Rating	See note
	7941	5	
	12109	Blank	
HAT15S	2438-2441	In the past month, how often did you garden or do yard work?	See note
	7892	0001-0095	
	14	0100 100 +	
	33	8888 Blank but applicable	
	2	9999 Don't know	
	12109	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAT16	2442	In the past month did you... lift weights?	
	2126	1 Yes (HAT17)	
	17904	2 No (HAT18)	
	20	8 Blank but applicable	
HAT16MET	2443	Lift weights activity - Code 2130 Intensity Rating	See note
	2146	3	
	17904	Blank	
HAT17S	2444-2447	In the past month, how often did you lift weights?	See note
	2114	0001-0091	
	4	0100 100 +	
	28	8888 Blank but applicable	
	17904	Blank	
HAT18	2448	In the past month, have you done any other exercises, sports, or physically active hobbies not mentioned?	
	4091	1 Yes (HAT19)	
	15939	2 No (HAT27)	
	20	8 Blank but applicable	
HAT19CD	2449-2453	PROBE: What? - CODED	See note
	4086	01010-19180	
	25	88888 Blank but applicable	
	15939	Blank	
HAT19MET	2454-2457	Other activity - INTENSITY RATING	See note
	4086	0001-0012	
	25	8888 Blank but applicable	
	15939	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2458-2461 HAT20S		In the past month, how often did you do other activity?	See note
	4055	0001-0091	
	19	0100 100 +	
	37	8888 Blank but applicable	
	15939	Blank	
2462-2466 HAT21CD		Second other - CODED	See note
	1050	02020-19090	
	19000	Blank	
2467-2469 HAT21MET		Second other activity - INTENSITY RATING	See note
	1050	1.3-012	
	19000	Blank	
2470-2473 HAT22S		In the past month, how often did you do second other activity?	See note
	1045	0001-0061	
	3	0100 100 +	
	2	8888 Blank but applicable	
	19000	Blank	
2474-2478 HAT23CD		Third other - CODED	See note
	293	02020-19075	
	19757	Blank	
2479-2481 HAT23MET		Third other activity - INTENSITY RATING	See note
	293	2.5-012	
	19757	Blank	
2482-2485 HAT24S		In the past month, how often did you do third other activity?	See note
	292	0001-0091	
	1	8888 Blank but applicable	
	19757	Blank	
2486-2490 HAT25CD		Fourth other - CODED	See note
	66	02020-18220	
	19984	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2491-2493 HAT25MET	66 19984	Fourth other activity - INTENSITY RATING 2.5-012 Blank	See note
2494-2497 HAT26S	65 1 19984	In the past month, how often did you do fourth other activity? 0001-0061 8888 Blank but applicable Blank	See note
2498 HAT27	2791 5169 12038 20 32	How does the amount of activity that you reported for the past month compare with your physical activity for the past 12 months? During the past month, were you more active, less active, or about the same? 1 More active 2 Less active 3 About the same 8 Blank but applicable 9 Don't know	
2499 HAT28	6155 4438 9027 23 407	Compared with most (men/women) your age, would you say that you are more active, less active, or about the same? 1 More active 2 Less active 3 About the same 8 Blank but applicable 9 Don't know	
2500 HAT29	5009 15041	CHECK ITEM. REFER TO AGE OF SP. 1 Under 30 years (HAV1) 2 30 + years	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION T. EXERCISE  
-----

Positions SAS name	Counts	Item description and code	Notes
	2501	Compared with yourself 10 years ago, would you say that you are more active now, less active now, or about the same?	
HAT30	1883	1 More active	
	9034	2 Less active	
	4061	3 About the same	
	43	8 Blank but applicable	
	20	9 Don't know	
	5009	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION V. SOCIAL SUPPORT/RESIDENCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2502-2505 HAV1S		In a typical week, how many times do you talk on the telephone with family, friends, or neighbors? (per week)	See note
	1634	0000 Never	
	17206	0001-0700	
	1071	5555 No telephone	
	117	8888 Blank but applicable	
	22	9999 Don't know	
2506-2510 HAV2S		How often do you get together with friends or relatives; I mean things like going out together or visiting in each other's homes? (per year)	See note
	1464	00000 Never	
	18549	00001-07300	
	28	88888 Blank but applicable	
	9	99999 Don't know	
2511-2515 HAV3S		About how often do you visit with any of your other neighbors, either in their homes or in your own? (per year)	See note
	10074	00000 Never	
	9943	00001-07300	
	28	88888 Blank but applicable	
	5	99999 Don't know	
2516-2519 HAV4S		How often do you attend church or religious services? (per year)	See note
	7016	0000 Never	
	12990	0001-1825	
	40	8888 Blank but applicable	
	4	9999 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION V. SOCIAL SUPPORT/RESIDENCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAV5	2520	Do you belong to any clubs or organizations such as church groups unions, fraternal or athletic groups, or school groups?	
	5838	1 Yes	
	14184	2 No (HAV7)	
	28	8 Blank but applicable	
HAV6S	2521-2524	Altogether, how often do you attend meetings of the clubs or organizations you belong to? (per year)	See note
	1001	0000 None	
	4828	0001-1095	
	35	8888 Blank but applicable	
	2	9999 Don't know	
	14184	Blank	
HAV7R	2525-2528	How long have you lived at this address? (weeks)	See note
	19938	0001-4654	
	3	4680 4680 + weeks	
	97	8888 Blank but applicable	
	12	9999 Don't know	
HAV8	2529-2530	How long have you lived in this (city/town/area)?	
		IF SP LIVED IN AREA OFF AND ON, DO NOT INCLUDE PERIODS AWAY FROM THE AREA.	
	5569	01 Your whole life (HAV12R)	
	5708	02 More than 20 years	
	2583	03 11-20 years	
	2402	04 5-10 years	
	1123	05 3-4 years	
	1224	06 1-2 years	
	908	77 Less than 1 month	
	106	88 Blank but applicable	
	2	99 Don't know	
	425	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION V. SOCIAL SUPPORT/RESIDENCE  
-----

Positions SAS name	Counts	Item description and code	Notes
HAV9	2531	Have you lived anywhere longer than you lived here?	
	7300	1 Yes	
	6676	2 No (HAV12R)	
	76	8 Blank but applicable	
	4	9 Don't know	
	5994	Blank	
HAV10R	2532	Where did you live the longest? (recode)	See note
	4512	1 50 United States	
	1513	2 Mexico	
	719	3 Other	
	630	8 Blank but applicable	
	2	9 Don't know	
	12674	Blank	
HAV11	2533-2534	How long did you live in (PLACE IN HAV10)?	
		DO NOT INCLUDE PERIODS AWAY FROM PLACE IN HAV10.	
	4083	01 More than 20 years	
	2566	02 11-20 years	
	499	03 5-10 years	
	49	04 3-4 years	
	19	05 1-2 years	
	1	77 Less than 1 year	
	153	88 Blank but applicable	
	6	99 Don't know	
	12674	Blank	
HAV12R	2535	In what state or country were you born?	See note
	15898	1 50 United States	
	2303	2 Mexico	
	1298	3 Other	
	548	8 Blank but applicable	
	3	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION V. SOCIAL SUPPORT/RESIDENCE  
-----

Positions SAS name	Counts	Item description and code	Notes
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IF BORN IN THE US, SKIP TO  
NEXT SECTION. OTHERWISE ASK:

2536-2538 HAV13R		How long have you lived in the United States? (years)	See note
	3404	001-089	
	1	090 90 + years	
	184	777 Less than 1 year	
	558	888 Blank but applicable	
	2	999 Don't know	
	15901	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
*Note: See Adultx file for updated data for dietary supplements and Prescription drugs.			
The following questions concern your use of vitamins, minerals, medicines, and certain products the past month.			
HAX1A	2539	Have you taken any vitamins or minerals in the past month? Please include those that are prescribed by a doctor and those that are not prescribed? DO NOT INCLUDE TOPICAL VITAMINS.	See note
	20050	Blank	
HAX1B	2540	Have you taken or used any medicines for which a doctor's or dentist's prescription is needed, in the past month? This includes any products which cannot be obtained without a doctor's or dentist's prescription. Include those medicines you may have already mentioned. DO NOT INCLUDE PRESCRIPTION VITAMINS WHICH SHOULD BE RECORDED AT HAX1A.	See note
	20050	Blank	
HAX1C	2541	Have you taken antacids in the past month? INCLUDE PRESCRIPTION ANTACIDS HERE.	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
		CHECK ITEM. REFER TO RESPONSES IN HAX1A-1C.	
		IF ANY YES: May I see the containers for all of the (vitamins and minerals/ prescription medicines/ antacids) you took in the past month?	
		Also, if there are things that you need to do at this time such as going to the bathroom, please do so now so that I will be able to take your pulse and blood pressure immediately after the next section is completed.	
		IF NECESSARY, ASK SP TO MOVE TO A SUITABLE LOCATION TO RECORD LABEL INFORMATION AND TO TAKE THE PULSE AND BLOOD PRESSURE READINGS.	
2542-2543 HAX2A	20050	Number of vitamins/minerals reported Blank	See note
2544-2545 HAX2B	20050	Number of prescription medicines reported Blank	See note
2546-2547 HAX2C	20050	Number of antacids reported Blank	See note

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
		Vitamin and mineral supplements	
2548-2549 HAX3CG		Certainty index code (1st supplement reported)	See note
	20050	Blank	
2550-2551 HAX3DG		Product class (1st supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
2552-2555 HAX6SG		How often did you take/use (PRODUCT) in the past month? (1st supplement reported)	See note
	20050	Blank	
2556-2559 HAX8SG		For how long have you been taking/using this type of product? (months) (1st supplement reported)	See note
	20050	Blank	
2560-2561 HAX3CH		Certainty index code (2nd supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
2562-2563 HAX3DH		Product class (2nd supplement reported)	See note
	20050	Blank	
2564-2567 HAX6SH		How often did you take/use (PRODUCT) in the past month? (2nd supplement reported)	See note
	20050	Blank	
2568-2571 HAX8SH		For how long have you been taking/using this type of product? (months) (2nd supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2572-2573 HAX3CI		Certainty index code (3rd supplement reported)	See note
	20050	Blank	
2574-2575 HAX3DI		Product class (3rd supplement reported)	See note
	20050	Blank	
2576-2579 HAX6SI		How often did you take/use (PRODUCT) in the past month? (3rd supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2580-2583 HAX8SI		For how long have you been taking/using this type of product? (months) (3rd supplement reported)	See note
	20050	Blank	
2584-2585 HAX3CJ		Certainty index code (4th supplement reported)	See note
	20050	Blank	
2586-2587 HAX3DJ		Product class (4th supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2588-2591 HAX6SJ		How often did you take/use (PRODUCT) in the past month? (4th supplement reported)	See note
	20050	Blank	
2592-2595 HAX8SJ		For how long have you been taking/using this type of product? (months) (4th supplement reported)	See note
	20050	Blank	
2596-2597 HAX3CK		Certainty index code (5th supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2598-2599 HAX3DK		Product class (5th supplement reported)	See note
	20050	Blank	
2600-2603 HAX6SK		How often did you take/use (PRODUCT) in the past month? (5th supplement reported)	See note
	20050	Blank	
2604-2607 HAX8SK		For how long have you been taking/using this type of product? (months) (5th supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2608-2609 HAX3CL		Certainty index code (6th supplement reported)	See note
	20050	Blank	
2610-2611 HAX3DL		Product class (6th supplement reported)	See note
	20050	Blank	
2612-2615 HAX6SL		How often did you take/use (PRODUCT) in the past month? (6th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2616-2619 HAX8SL		For how long have you been taking/using this type of product? (months) (6th supplement reported)	See note
	20050	Blank	
2620-2621 HAX3CM		Certainty index code (7th supplement reported)	See note
	20050	Blank	
2622-2623 HAX3DM		Product class (7th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2624-2627 HAX6SM		How often did you take/use (PRODUCT) in the past month? (7th supplement reported)	See note
	20050	Blank	
2628-2631 HAX8SM		For how long have you been taking/using this type of product? (months) (7th supplement reported)	See note
	20050	Blank	
2632-2633 HAX3CN		Certainty index code (8th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2634-2635 HAX3DN		Product class (8th supplement reported)	See note
	20050	Blank	
2636-2639 HAX6SN		How often did you take/use (PRODUCT) in the past month? (8th supplement reported)	See note
	20050	Blank	
2640-2643 HAX8SN		For how long have you been taking/using this type of product? (months) (8th supplement reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2644-2645 HAX3CO		Certainty index code (9th supplement reported)	See note
	20050	Blank	
2646-2647 HAX3DO		Product class (9th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2648-2651 HAX6SO		How often did you take/use (PRODUCT) in the past month? (9th supplement reported)	See note
	20050	Blank	
2652-2655 HAX8SO		For how long have you been taking/using this type of product? (months) (9th supplement reported)	See note
	20050	Blank	
2656-2657 HAX3CP		Certainty index code (10th supplement reported)	See note
	20050	Blank	

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-----

Positions SAS name	Counts	Item description and code	Notes
-----			
2658-2659 HAX3DP		Product class (10th supplement reported)	See note
	20050	Blank	
2660-2663 HAX6SP		How often did you take/use (PRODUCT) in the past month? (10th supplement reported)	See note
	20050	Blank	
2664-2667 HAX8SP		For how long have you been taking/using this type of product? (months) (10th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2668-2669 HAX3CQ		Certainty index code (11th supplement reported)	See note
	20050	Blank	
2670-2671 HAX3DQ		Product class (11th supplement reported)	See note
	20050	Blank	
2672-2675 HAX6SQ		How often did you take/use (PRODUCT) in the past month? (11th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2676-2679 HAX8SQ		For how long have you been taking/using this type of product? (months) (11th supplement reported)	See note
	20050	Blank	
2680-2681 HAX3CR		Certainty index code (12th supplement reported)	See note
	20050	Blank	
2682-2683 HAX3DR		Product class (12th supplement reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2684-2687 HAX6SR		How often did you take/use (PRODUCT) in the past month? (12th supplement reported)	See note
	20050	Blank	
2688-2691 HAX8SR		For how long have you been taking/using this type of product? (months) (12th supplement reported)	See note
	20050	Blank	
2692-2693 HAX3CS		Certainty index code (13th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2694-2695 HAX3DS		Product class (13th supplement reported)	See note
	20050	Blank	
2696-2699 HAX6SS		How often did you take/use (PRODUCT) in the past month? (13th supplement reported)	See note
	20050	Blank	
2700-2703 HAX8SS		For how long have you been taking/using this type of product? (months) (13th supplement reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2704-2705 HAX3CT		Certainty index code (14th supplement reported)	See note
	20050	Blank	
2706-2707 HAX3DT		Product class (14th supplement reported)	See note
	20050	Blank	
2708-2711 HAX6ST		How often did you take/use (PRODUCT) in the past month? (14th supplement reported)	See note
	20050	Blank	
2712-2715 HAX8ST		For how long have you been taking/using this type of product? (months) (14th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2716-2717 HAX3CU		Certainty index code (15th supplement reported)	See note
	20050	Blank	
2718-2719 HAX3DU		Product class (15th supplement reported)	See note
	20050	Blank	
2720-2723 HAX6SU		How often did you take/use (PRODUCT) in the past month? (15th supplement reported)	See note
	20050	Blank	
2724-2727 HAX8SU		For how long have you been taking/using this type of product? (months) (15th supplement reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2728-2729 HAX3CV		Certainty index code (16th supplement reported)	See note
	20050	Blank	
2730-2731 HAX3DV		Product class (16th supplement reported)	See note
	20050	Blank	
2732-2735 HAX6SV		How often did you take/use (PRODUCT) in the past month? (16th supplement reported)	See note
	20050	Blank	
2736-2739 HAX8SV		For how long have you been taking/using this type of product? (months) (16th supplement reported)	See note
	20050	Blank	
2740-2741 HAX3CW		Certainty index code (17th supplement reported)	See note
	20050	Blank	
2742-2743 HAX3DW		Product class (17th supplement reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2744-2747 HAX6SW		How often did you take/use (PRODUCT) in the past month? (17th supplement reported)	See note
	20050	Blank	
2748-2751 HAX8SW		For how long have you been taking/using this type of product? (months) (17th supplement reported)	See note
	20050	Blank	

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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
-----			
		Prescription medicines	
2752-2755 HAX9DG		Primary drug class code (1st medication reported)	See note
	20050	Blank	
2756-2759 HAX9EG		Secondary drug class code (1st medication reported)	See note
	20050	Blank	
2760-2763 HAX9FG		Tertiary drug class code (1st medication reported)	See note
	20050	Blank	
2764-2769 HAX11AG		ICD-9-CM code (1st medication reported)	See note
	20050	Blank	
2770-2774 HAX12SG		For how long have you been taking or using (MEDICINE)? (days) (1st medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2775-2778 HAX9DH		Primary drug class code (2nd medication reported)	See note
	20050	Blank	
2779-2782 HAX9EH		Secondary drug class code (2nd medication reported)	See note
	20050	Blank	
2783-2786 HAX9FH		Tertiary drug class code (2nd medication reported)	See note
	20050	Blank	
2787-2792 HAX11AH		ICD-9-CM code (2nd medication reported)	See note
	20050	Blank	
2793-2797 HAX12SH		For how long have you been taking or using (MEDICINE)? (days) (2nd medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2798-2801 HAX9DI	20050	Primary drug class code (3rd medication reported) Blank	See note
2802-2805 HAX9EI	200506	Secondary drug class code (3rd medication reported) Blank	See note
2806-2809 HAX9FI	20050	Tertiary drug class code (3rd medication reported) Blank	See note
2810-2815 HAX11AI	20050	ICD-9-CM code (3rd medication reported) Blank	See note
2816-2820 HAX12SI	20050	For how long have you been taking or using (MEDICINE)? (days) (3rd medication reported) Blank	See note

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Positions SAS name	Counts	Item description and code	Notes
2821-2824 HAX9DJ		Primary drug class code (4th medication reported)	See note
	20050	Blank	
2825-2828 HAX9EJ		Secondary drug class code (4th medication reported)	See note
	20050	Blank	
2829-2832 HAX9FJ		Tertiary drug class code (4th medication reported)	See note
	20050	Blank	
2833-2838 HAX11AJ		ICD-9-CM code (4th medication reported)	See note
	20050	Blank	
2839-2843 HAX12SJ		For how long have you been taking or using (MEDICINE)? (days) (4th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2844-2847 HAX9DK		Primary drug class code (5th medication reported)	See note
	20050	Blank	
2848-2851 HAX9EK		Secondary drug class code (5th medication reported)	See note
	20050	Blank	
2852-2855 HAX9FK		Tertiary drug class code (5th medication reported)	See note
	20050	Blank	
2856-2861 HAX11AK		ICD-9-CM code (5th medication reported)	See note
	20050	Blank	
2862-2866 HAX12SK		For how long have you been taking or using (MEDICINE)? (days) (5th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2867-2870 HAX9DL		Primary drug class code (6th medication reported)	See note
	20050	Blank	
2871-2874 HAX9EL		Secondary drug class code (6th medication reported)	See note
	20050	Blank	
2875-2878 HAX9FL		Tertiary drug class code (6th medication reported)	See note
	20050	Blank	
2879-2884 HAX11AL		ICD-9-CM code (6th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2885-2889 HAX12SL		For how long have you been taking or using (MEDICINE)? (days) (6th medication reported)	See note
	20050	Blank	
2890-2893 HAX9DM		Primary drug class code (7th medication reported)	See note
	20050	Blank	
2894-2897 HAX9EM		Secondary drug class code (7th medication reported)	See note
	20050	Blank	
2898-2901 HAX9FM		Tertiary drug class code (7th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2902-2907 HAX11AM		ICD-9-CM code (7th medication reported)	See note
	20050	Blank	
2908-2912 HAX12SM		For how long have you been taking or using (MEDICINE)? (days) (7th medication reported)	See note
	20050	Blank	
2913-2916 HAX9DN		Primary drug class code (8th medication reported)	See note
	20050	Blank	
2917-2920 HAX9EN		Secondary drug class code (8th medication reported)	See note
	20050	Blank	
2921-2924 HAX9FN		Tertiary drug class code (8th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2925-2930 HAX11AN		ICD-9-CM code (8th medication reported)	See note
	20050	Blank	
2931-2935 HAX12SN		For how long have you been taking or using (MEDICINE)? (days) (8th medication reported)	See note
	20050	Blank	
2936-2939 HAX9DO		Primary drug class code (9th medication reported)	See note
	20050	Blank	
2940-2943 HAX9EO		Secondary drug class code (9th medication reported)	See note
	20050	Blank	
2944-2947 HAX9FO		Tertiary drug class code (9th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2948-2953 HAX11AO		ICD-9-CM code (9th medication reported)	See note
	20050	Blank	
2954-2958 HAX12SO		For how long have you been taking or using (MEDICINE)? (days) (9th medication reported)	See note
	20050	Blank	
2959-2962 HAX9DP		Primary drug class code (10th medication reported)	See note
	20050	Blank	
2963-2966 HAX9EP		Secondary drug class code (10th medication reported)	See note
	20050	Blank	
2967-2970 HAX9FP		Tertiary drug class code (10th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
2971-2976 HAX11AP		ICD-9-CM code (10th medication reported)	See note
	20050	Blank	
2977-2981 HAX12SP		For how long have you been taking or using (MEDICINE)? (days) (10th medication reported)	See note
	20050	Blank	
2982-2985 HAX9DQ		Primary drug class code (11th medication reported)	See note
	20050	Blank	
2986-2989 HAX9EQ		Secondary drug class code (11th medication reported)	See note
	20050	Blank	
2990-2993 HAX9FQ		Tertiary drug class code (11th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
2994-2999 HAX11AQ		ICD-9-CM code (11th medication reported)	See note
	20050	Blank	
3000-3004 HAX12SQ		For how long have you been taking or using (MEDICINE)? (days) (11th medication reported)	See note
	20050	Blank	
3005-3008 HAX9DR		Primary drug class code (12th medication reported)	See note
	20050	Blank	
3009-3012 HAX9ER		Secondary drug class code (12th medication reported)	See note
	20050	Blank	
3013-3016 HAX9FR		Tertiary drug class code (12th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
3017-3022 HAX11AR		ICD-9-CM code (12th medication reported)	See note
	20050	Blank	
3023-3027 HAX12SR		For how long have you been taking or using (MEDICINE)? (days) (12th medication reported)	See note
	20050	Blank	
3028-3031 HAX9DS		Primary drug class code (13th medication reported)	See note
	20050	Blank	
3032-3035 HAX9ES		Secondary drug class code (13th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
3036-3039 HAX9FS		Tertiary drug class code (13th medication reported)	See note
	20050	Blank	
3040-3045 HAX11AS		ICD-9-CM code (13th medication reported)	See note
	20050	Blank	
3046-3050 HAX12SS		For how long have you been taking or using (MEDICINE)? (days) (13th medication reported)	See note
	20050	Blank	

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Positions SAS name	Counts	Item description and code	Notes
-----			
3051-3054 HAX9DT		Primary drug class code (14th medication reported)	See note
	20050	Blank	
3055-3058 HAX9ET		Secondary drug class code (14th medication reported)	See note
	20050	Blank	
3059-3062 HAX9FT		Tertiary drug class code (14th medication reported)	See note
	29	8888 Blank but applicable	
	20050	Blank	
3063-3068 HAX11AT		ICD-9-CM code (14th medication reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
3069-3073 HAX12ST		For how long have you been taking or using (MEDICINE)? (days) (14th medication reported)	See note
	20050	Blank	
3074-3077 HAX9DU		Primary drug class code (15th medication reported)	See note
	20050	Blank	
3078-3081 HAX9EU		Secondary drug class code (15th medication reported)	See note
	20050	Blank	
3082-3085 HAX9FU		Tertiary drug class code (15th medication reported)	See note
	20050	Blank	
3086-3091 HAX11AU		ICD-9-CM code (15th medication reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
3092-3096 HAX12SU		For how long have you been taking or using (MEDICINE)? (days) (15th medication reported)	See note
	20050	Blank	
3097-3100 HAX9DV		Primary drug class code (16th medication reported)	See note
	20050	Blank	
3101-3104 HAX9EV		Secondary drug class code (16th medication reported)	See note
	20050	Blank	
3105-3108 HAX9FV		Tertiary drug class code (16th medication reported)	See note
	20050	Blank	
3109-3114 HAX11AV		ICD-9-CM code (16th medication reported)	See note
	20050	Blank	
3115-3119 HAX12SV		For how long have you been taking or using (MEDICINE)? (days) (16th medication reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		Antacids	
3120-3122 HAX13AG		Antacid identification code (1st antacid reported)	See note
	20050	Blank	
3123-3126 HAX15SG		How often did you take (ANTACID) in the past month? (1st antacid reported)	See note
	20050	Blank	
3127-3128 HAX16AG		How much (ANTACID) did you take each time you took it? (quantity) (1st antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
-----			
3129-3130 HAX16A1G		How much (ANTACID) did you take each time you took it? (unit) (1st antacid reported)	See note
	20050	Blank	
3131-3134 HAX17SG		For how long have you been taking this antacid? (months) (1st antacid reported)	See note
	20050	Blank	
3135-3137 HAX13AH		Antacid identification code (2nd antacid reported)	See note
	20050	Blank	
3138-3141 HAX15SH		How often did you take (ANTACID) in the past month? (2nd antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
3142-3143 HAX16AH		How much (ANTACID) did you take each time you took it? (quantity) (2nd antacid reported)	See note
	20050	Blank	
3144-3145 HAX16A1H		How much (ANTACID) did you take each time you took it? (unit) (2nd antacid reported)	See note
	20050	Blank	
3146-3149 HAX17SH		For how long have you been taking this antacid? (months) (2nd antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
3150-3152 HAX13AI		Antacid identification code (3rd antacid reported)	See note
	20050	Blank	
3153-3156 HAX15SI		How often did you take (ANTACID) in the past month? (3rd antacid reported)	See note
	20050	Blank	
3157-3158 HAX16AI		How much (ANTACID) did you take each time you took it? (quantity) (3rd antacid reported)	See note
	20050	Blank	
3159-3160 HAX16A1I		How much (ANTACID) did you take each time you took it? (unit) (3rd antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
3161-3164 HAX17SI		For how long have you been taking this antacid? (months) (3rd antacid reported)	See note
	20050	Blank	
3165-3167 HAX13AJ		Antacid identification code (4th antacid reported)	See note
	20050	Blank	
3168-3171 HAX15SJ		How often did you take (ANTACID) in the past month? (4th antacid reported)	See note
	20050	Blank	
3172-3173 HAX16AJ		How much (ANTACID) did you take each time you took it? (quantity) (4th antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
3174-3175 HAX16A1J		How much (ANTACID) did you take each time you took it? (unit) (4th antacid reported)	See note
	20050	Blank	
3176-3179 HAX17SJ		For how long have you been taking this antacid? (months) (4th antacid reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
		Next are questions about non-prescription pain relief medicines.	
HAX18A	3180	In the past month, have you taken any aspirin, Anacin, Bufferin, Ecotrin, Ascriptin, or Midol?	
	20050	Blank	
HAX19AS	3181-3183	How often did you take aspirin, Anacin, Bufferin, Ecotrin, Ascriptin, or Midol during the past month?	See note
	20050	Blank	
HAX18B	3184	In the past month, have you taken any Tylenol, Anacin-3, or acetaminophen?	
	20050	Blank	
HAX19BS	3185-3187	How often did you take Tylenol, Anacin-3, or acetaminophen during the past month?	See note
	20050	Blank	
HAX18C	3188	In the past month, have you taken any Advil, Nuprin, Medipren, or ibuprofen?	
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
3189-3191 HAX19CS		How often did you take Advil, Nuprin, Medipren, or ibuprofen during the past month?	See note
	20050	Blank	
3192 HAX18D		In the past month, have you taken any other pain relief medicines? (1st other pain relief medicine reported)	See note
	20050	Blank	
3193-3194 HAX18DB		Product type (1st other pain relief medicine reported)	See note
	20050	Blank	
3195-3197 HAX19DS		How often have you taken (OTHER PAIN RELIEF MEDICINE) during the past month? (1st other pain relief medicine reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HAX18E	3198	In the past month, have you taken any other pain relief medicines? (2nd other pain relief medicine reported)	See note
	20050	Blank	
HAX18EB	3199-3200	Product type (2nd other pain relief medicine reported)	See note
	20050	Blank	
HAX19ES	3201-3203	How often have you taken (OTHER PAIN RELIEF MEDICINE) during the past month? (2nd other pain relief medicine reported)	See note
	20050	Blank	
HAX18F	3204	In the past month, have you taken any other pain relief medicines? (3rd other pain relief medicine reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
3205-3206 HAX18FB		Product type (3rd other pain relief medicine reported)	See note
	20050	Blank	
3207-3209 HAX19FS		How often have you taken (OTHER PAIN RELIEF MEDICINE) during the past month? (3rd other pain relief medicine reported)	See note
	20050	Blank	
3210 HAX18G		In the past month, have you taken any other pain relief medicines? (4th other pain relief medicine reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION X. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
3211-3212 HAX18GB		Product type (4th other pain relief medicine reported)	See note
	20050	Blank	
3213-3215 HAX19GS		How often have you taken (OTHER PAIN RELIEF MEDICINE) during the past month? (4th other pain relief medicine reported)	See note
	20050	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Y. NAME/SSN  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
3216-3217 HAY6		CHECK ITEM: MARK ONE BOX.	
		MARK MAIN RESPONDENT FOR HOUSEHOLD ADULT Q.	
	19506	01 Sample person	
	27	02 Mother	
	3	03 Father	
	89	04 Spouse	
	4	05 Other	
	72	08 Daughter	
	14	09 Son	
	45	10 Other relative or care giver	
	290	88 Blank but applicable	
3218-3219 HAY7		IF OTHER THAN SAMPLE PERSON, EXPLAIN REASON FOR ACCEPTING PROXY RESPONDENT.	
	18	01 Language problem	
	73	02 Cognitive or memory problem	
	80	03 Physical impairment	
	19	04 Other	
	354	88 Blank but applicable	
	19506	Blank	
HAY8	3220	IF MAIN RESPONDENT WAS NOT THE SAMPLE PERSON, WAS THE SAMPLE PERSON PRESENT DURING ANY PART OF THE INTERVIEW?	
	274	1 Yes	
	107	2 No (HAY10)	
	163	8 Blank but applicable	
	19506	Blank	
HAY9	3221	IF SAMPLE PERSON MARKED IN HAY6, WAS ANYONE ELSE PRESENT DURING THE INTERVIEW?	
	11302	1 Yes	
	8081	2 No	
	123	8 Blank but applicable	
	544	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Y. NAME/SSN  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	3222	QUALITY OF INTERVIEW.	See note
HAY10	19920	1     Reliable	
	77	2     Unreliable	
	53	8     Blank but applicable	
		OBSERVED CHARACTERISTICS OF THE SP:	
	3223	IN BED?	See note
HAY11A	130	1     Yes	
	19830	2     No	
	79	8     Blank but applicable	
	11	9     Don't know	
	3224	IN WHEELCHAIR?	See note
HAY11B	128	1     Yes	
	19832	2     No	
	78	8     Blank but applicable	
	12	9     Don't know	
	3225	USES CANE, CRUTCHES, OR WALKER?	See note
HAY11C	730	1     Yes	
	19205	2     No	
	85	8     Blank but applicable	
	30	9     Don't know	
	3226	WALKS SLOWLY OR SHUFFLES?	See note
HAY11D	1363	1     Yes	
	18529	2     No	
	92	8     Blank but applicable	
	66	9     Don't know	
	3227	PARALYSIS IN HANDS OR LEGS?	See note
HAY11E	153	1     Yes	
	19778	2     No	
	89	8     Blank but applicable	
	30	9     Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION Y. NAME/SSN  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	3228	HEARING IMPAIRMENT?	See note
HAY11F	934	1 Yes	
	19001	2 No	
	86	8 Blank but applicable	
	29	9 Don't know	
	3229	SPEECH PROBLEMS (NOT LANGUAGE)?	See note
HAY11G	203	1 Yes	
	19747	2 No	
	83	8 Blank but applicable	
	17	9 Don't know	
	3230	COUGHS CONTINUOUSLY?	See note
HAY11H	234	1 Yes	
	19714	2 No	
	87	8 Blank but applicable	
	15	9 Don't know	
	3231	DRESSED IN STREET CLOTHES?	See note
HAY11I	18891	1 Yes	
	1056	2 No	
	89	8 Blank but applicable	
	14	9 Don't know	
	3232	WEIGHT?	See note
HAY11J	2431	1 Very overweight	
	16438	2 About average	
	999	3 Very thin	
	180	8 Blank but applicable	
	2	9 Don't know	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
HAZA1	3233	Do you know of any medical reason why this procedure should not be done?	
	72	1 Yes (HAZA9)	
	19312	2 No	
	666	8 Blank but applicable	
HAZA1A	3234	Medical reason blood pressure (BP) not taken (Phase 2)	
	2	1 Recent surgery	
	2	2 Upper body circulatory problem	
	1	3 Pain/injury	
	23	4 Other	
	376	8 Blank but applicable	
	19646	Blank	
HAZA1CC	3235-3264	Medical reason BP not taken - other (Version 4)	
	14	Long, free-form text	
	312	8-filled Blank but applicable	
	19724	Blank	
HAZA2	3265	Have you consumed any food, alcohol, or coffee or smoked any cigarettes within the last 30 minutes?	
	1641	1 Yes	
	17630	2 No	
	706	8 Blank but applicable	
	1	9 Don't know	
	72	Blank	
HAZA2A1	3266	Have you consumed any food within the last 30 minutes?	
	242	1 Yes	
	1398	2 No	
	706	8 Blank but applicable	
	1	9 Don't know	
	17703	Blank	

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HAZA2A2	3267	Have you consumed any alcohol within the last 30 minutes?	
	64	1 Yes	
	1576	2 No	
	706	8 Blank but applicable	
	1	9 Don't know	
	17703	Blank	
HAZA2A3	3268	Have you consumed any coffee within the last 30 minutes?	
	203	1 Yes	
	1437	2 No	
	706	8 Blank but applicable	
	1	9 Don't know	
	17703	Blank	
HAZA2A4	3269	Have you smoked any cigarettes within the last 30 minutes?	
	371	1 Yes	
	1269	2 No	
	706	8 Blank but applicable	
	1	9 Don't know	
	17703	Blank	
HAZA3	3270	Cuff size used	
	528	1 Child	
	13593	2 Adult	
	4943	3 Large	
	100	4 Thigh	
	814	8 Blank but applicable	
	72	Blank	
HAZA4	3271	Arm selected	
	18940	1 Right	
	242	2 Left	
	796	8 Blank but applicable	
	72	Blank	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
	3272	Reason left arm selected	
HAZA4A		(Version 4)	
	32	1 Injury, rash	
	2	2 Cast, dressing	
	1	3 Placement of equipment	
	88	4 Other	
	403	8 Blank but applicable	
	19524	Blank	
	3273-3275	Radial pulse (30 seconds)	
HAZA5	11	000 Never found pulse (HAZA9)	
	19237	020-093	
	730	888 Blank but applicable	
	72	Blank	
	3276-3278	Radial pulse rate (beats/min)	See note
HAZA5R	11	000 Never found pulse (HAZA9)	
	19237	040-186	
	730	888 Blank but applicable	
	72	Blank	
	3279	Radial pulse regular/rhythmic	
HAZA6	18193	1 Yes	
	993	2 No	
	781	8 Blank but applicable	
	83	Blank	
	3280-3282	First maximum inflation rate	See note
HAZA7A		(MIL, mm Hg)	
	18938	100-290	
	1029	888 Blank but applicable	
	83	Blank	
	3283	Reason first MIL not taken	
HAZA7AA		(Version 4)	
	4	1 Not attempted (HAZA7B)	
	22	2 Failed attempt (HAZA7B)	
	4	3 Equipment failure (HAZA9)	
	517	8 Blank but applicable	
	19503	Blank	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
3284-3286 HAZA7B		Second MIL (mm Hg) (Version 4)	See note
	142	120-300	
	10	888 Blank but applicable	
	19898	Blank	
3287 HAZA7BA		Reason second MIL not taken (Version 4)	
	6	1 Not attempted (HAZA9)	
	3	2 Failed attempt (HAZA9)	
	1	3 Equipment failure (HAZA9)	
	20040	Blank	
3288-3290 HAZA8AK1		First Korotkoff sound (K1) for first BP measurement (systolic, mm Hg)	
	18927	072-260	
	1026	888 Blank but applicable	
	97	Blank	
3291-3293 HAZA8AK5		Fifth Korotkoff sound (K5) for first BP measurement (diastolic, mm Hg)	See note
	87	000 None/never	
	18840	010-148	
	1026	888 Blank but applicable	
	97	Blank	
3294 HAZA8A3		Reason first BP measurement not done	
	86	1 Missed reading	
	6	2 Equipment failure	
	908	8 Blank but applicable	
	19050	Blank	
3295 HAZA8A4		Reason first BP measurement refused	
	4	1 Time constraints (HAZA9)	
	4	2 Discomfort (HAZA9)	
	15	3 Other (HAZA9)	
	844	8 Blank but applicable	
	19183	Blank	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
3296-3298 HAZA8BK1		K1 for second BP measurement (systolic, mm Hg)	
	18935	074-264	
	995	888 Blank but applicable	
	120	Blank	
3299-3301 HAZA8BK5		K5 for second BP measurement (diastolic, mm Hg)	See note
	83	000 None/never	
	18852	006-154	
	995	888 Blank but applicable	
	120	Blank	
3302 HAZA8B3		Reason second BP measurement not done	
	49	1 Missed reading	
	5	2 Equipment failure	
	916	8 Blank but applicable	
	19080	Blank	
3303 HAZA8B4		Reason second BP measurement refused	
	6	1 Time constraints (HAZA9)	
	10	2 Discomfort (HAZA9)	
	9	3 Other (HAZA9)	
	876	8 Blank but applicable	
	19149	Blank	
3304-3306 HAZA8CK1		K1 for third BP measurement (systolic, mm Hg)	
	18925	074-256	
	980	888 Blank but applicable	
	145	Blank	
3307-3309 HAZA8CK5		K5 for third BP measurement (diastolic, mm Hg)	See note
	77	000 None/never	
	18848	002-156	
	980	888 Blank but applicable	
	145	Blank	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
	3310	Reason third BP measurement not done	
HAZA8C3	38	1 Missed reading	
	6	2 Equipment failure	
	917	8 Blank but applicable	
	19089	Blank	
	3311	Reason third BP measurement refused	
HAZA8C4	2	1 Time constraints (HAZA9)	
	9	2 Discomfort (HAZA9)	
	7	3 Other (HAZA9)	
	890	8 Blank but applicable	
	19142	Blank	
3312-3314 HAZA8DK1		K1 for fourth BP measurement (systolic, mm Hg) (Version 4)	See note
	127	090-206	
	411	888 Blank but applicable	
	19512	Blank	
3315-3317 HAZA8DK5		K5 for fourth BP measurement (diastolic, mm Hg) (Version 4)	See note
	127	042-128	
	411	888 Blank but applicable	
	19512	Blank	
3318 HAZA8D3		Reason fourth BP measurement not done (Version 4)	
	12	1 Missed reading	
	5	2 Equipment failure	
	386	8 Blank but applicable	
	19647	Blank	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
3319 HAZA8D4		Reason fourth BP measurement refused (Version 4)	
	4	1 Time constraints (HAZA9)	
	2	2 Discomfort (HAZA9)	
	2	3 Other (HAZA9)	
	384	8 Blank but applicable	
	19658	Blank	
3320-3321 HAZA9		Reason for not taking BP measurement (Version 4)	
	133	01 Refused (No time, disinterest)	
	7	02 Withered arms, injury, dressing, rash	
	9	03 Two failed mil	
	112	04 Inappropriate setting	
	11	05 Equipment failure	
	8	06 Could not locate pulse in either arm	
	78	07 Other	
	3	88 Blank but applicable	
	19689	Blank	
3322-3323 HAZA10		Code determining BP values to use for averaging K1 and K5 BP's (Version 4)	
	5966	01 Readings for 1, 2, and 3: average 2 and 3	
	9	02 Readings for 1, 2, and 4: average 2 and 4	
	18	03 Readings for 1, 3, and 4: average 3 and 4	
	33	04 Readings for 2, 3, and 4: average 3 and 4	
	29	05 Readings for 1 and 2: report 2	
	21	06 Readings for 1 and 3: report 3	
	1	07 Readings for 1 and 4: report 4	
	33	08 Readings for 2 and 3: report 3	
	2	10 Readings for 3 and 4: report 4	
	27	11 Reading for 1: report 1	
	11	12 Reading for 2: report 2	
	8	13 Reading for 3: report 3	

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SECTION Z. BLOOD PRESSURE MEASUREMENT  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1	14 Reading for 4: report 4	
	503	88 Blank but applicable	
	13388	Blank	
3324-3326 HAZA11A		Average K1 BP calculated according to codes in HAZA10 (Version 4)	
	6159	081-260	
	503	888 Blank but applicable	
	13388	Blank	
3327-3329 HAZA11AR		Average K1 BP after data edits (calculated according to codes in HAZA10)	See note
	19132	074-260	
	821	888 Blank but applicable	
	97	Blank	
3330-3332 HAZA11B		Average K5 BP calculated according to codes in HAZA10 (Version 4)	
	16	000 None/never	
	6142	003-138	
	504	888 Blank but applicable	
	13388	Blank	
3333-3335 HAZA11BR		Average K5 BP after data edits (calculated according to codes in HAZA10)	See note
	70	000 None/never	
	19062	002-156	
	821	888 Blank but applicable	
	97	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
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SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HAZA12	3336	BP statement read to sample person (Version 4)	
	3591	1 Blood pressure is in acceptable range	
	900	2 Blood pressure is at high end of acceptable range	
	1067	3 Blood pressure is above acceptable range	
	459	4 Blood pressure is moderately high	
	142	5 Blood pressure is high	
	503	8 Blank but applicable	
	13388	Blank	
HAZMKN1R	3337-3339	Overall average K1 (systolic) blood pressure from household and examination center measurements	See note
	19683	069-246	
	331	888 Blank but applicable	
	36	Blank	
HAZNOK1R	3340-3341	Number of measurements used to compute the overall average K1 (systolic) blood pressure from household and examination center measurements	See note
	36	01	
	55	02	
	3082	03	
	118	04	
	230	05	
	16162	06	
	331	88 Blank but applicable	
	36	Blank	
HAZMKN5R	3342-3344	Overall average K5 (diastolic) blood pressure from household and examination center measurements	See note
	19661	002-142	
	353	888 Blank but applicable	
	36	Blank	

NHANES III Household Adult Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD ADULT QUESTIONNAIRE (HAQ)  
-----

SECTION Z. BLOOD PRESSURE MEASUREMENT  
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Positions		Item description	
SAS name	Counts	and code	Notes
3345-3346		Number of measurements used to compute	See note
HAZNOK5R		the overall average K5 (diastolic) blood	
		pressure from household and examination	
		center measurements	
	46	01	
	60	02	
	3188	03	
	164	04	
	308	05	
	15895	06	
	353	88 Blank but applicable	
	36	Blank	

## Demographic Notes

DMPFSEQ: Family sequence number

This variable can be used to determine all family members who participated in the survey. Sample persons who have identical family sequence numbers (i.e. match on all 5 digits) are members of the same family.

DMPSTAT: Examination/interview status

This variable identifies the interview or examination status of all persons selected for the NHANES III sample. Interviewed persons completed preselected questions in specific sections of the Household Adult or Youth Questionnaires. Mobile examination center (MEC)-examined persons were interviewed and successfully completed at least one examination component in the MEC. Home-examined persons were interviewed and successfully completed at least one home examination component. The home examination was an option for frail older adults, infants 2-11 months of age, and other adults who were unable to come to the MEC.

DMARETHN: Race-ethnicity

This key analytic variable, based on the NHANES III survey design, was derived from many sources of data and is based on reported race and ethnicity. The other category includes all Hispanics, regardless of race, who were not Mexican-American and also includes all non-Hispanics from racial groups other than white or black.

DMARACER: Race

This variable was obtained from two primary sources: the Screener and the Family Questionnaires. Prior to the selection of the sample, race (Black, White, Other) was self-reported or reported by proxy in the Screener Questionnaire. During the administration of the Family Questionnaire, race was self-reported or reported by the respondent of the Family Questionnaire from five categories (Aleut, Eskimo, American Indian, Asian or Pacific Islander, Black, White, Other). Responses from the two sources were adjudicated, as necessary, to create a three level variable (Black, White, Other).

DMAETHNR: Ethnicity

This variable was obtained from two primary sources: the Screener and the Family Questionnaires. As part of both interviews, hand cards were used to determine Mexican/Mexican-American or Other Latin American/Spanish ancestry or national origin. Responses of non-Hispanic ancestry or national origin were categorized as other. Responses from the two interviews were adjudicated, as necessary, and this three level variable was created.

HSAGEIR: Age (Screener Questionnaire)

Age was calculated using the birth date which was obtained from the Screener Questionnaire. The variable HSAGEU provides the age unit (months or years) for HSAGEIR. Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HSAITMOR: Age in months (Screener Questionnaire)

Age in months was calculated by computing number of months between the Screener Questionnaire date and date of birth. This variable was created for analyses where exact age at the interview may be needed. HSAITMOR differs slightly from the age in years (HSAGEIR), the variable most often used for analyses. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

HSFSIZER: Family Size

Family size represents the total number of related persons living in a household (single dwelling unit). All household members were rostered by family during the Screener interview. Household members who were related to the family reference person (knowledgeable household member 17 years or older who owned or rented the dwelling unit) by blood or marriage were considered part of the family. Adopted children, foster- and god-children were also included, if they were living in the dwelling unit. However, family members who were away at college, or living independently were not included. Other household members who were unrelated to the reference person were considered members of separate families. Families with 10 members or more were recoded into a single response category of 10+ persons to help protect confidentiality. See note for Household Size (HSHSIZER).

HSHSIZER: Household Size

Household size represents the total number of persons living in a single dwelling unit, both related and unrelated. All permanent household members were rostered according to their family as part the Screener interview. This was done in order to obtain a complete list of all persons living or staying in the dwelling unit, and to distinguish household and family members. Households with 10 members or more were recoded into a single response category of 10+ persons to help protect confidentiality. See note for Family Size (HFHSIZER).

DMPCNTYR: County FIPS codes for United States counties with populations of 500,000 and more

These county FIPS codes identify large counties with populations of 500,000 and more that were sampled in the survey. Counties with population less than 500,000 are not included to prevent identification of these locations. See Appendix 1 for listing of codes.

DMPFIPSR: State FIPS codes for United States counties with populations of 500,000 and more

These state FIPS codes identify counties with populations of 500,000+ that were sampled in the survey. Counties with population less than 500,000 are not included to prevent identification of these locations. See Appendix 1 for listing of codes.

DMPMETRO: Urbanization classification based on USDA Rural-Urban continuum codes

These classifications are based on the USDA Rural-Urban codes (Butler and Beale, 1993) that describe metro and nonmetro counties by degree of urbanization and nearness to metro areas. The USDA codes were recoded into two categories to prevent identification of counties that were sampled in the survey.

DMPCREGN: Census region

The United States was divided into four broad geographic regions as defined by the Bureau of Census. Because all states were not included in the selected sample, regional estimates may not be representative for a given region.

DMPPIR: Poverty income ratio (or poverty index)

The poverty income ratio (PIR) was computed as a ratio of two components. The numerator was the midpoint of the observed family income category in the Family Questionnaire variable:HFF19R. The denominator was the poverty threshold, the age of the family reference person, and the calendar year in which the family was interviewed.

Poverty threshold values (in dollars) are produced annually by the Census Bureau (Series P-60). These threshold values are based on calendar years and adjusted for changes caused by inflation between calendar years. Reports for each of the calendar years in the survey (1988-94) were used in the calculation of PIR. For the years 1991 and 1994, data from preliminary reports were used. The poverty income ratio allows income data to be analyzed in a comparable manner across the six years of the survey and with previous NHANES.

Persons who reported having had no income and were assigned a zero value for PIR. A substantial proportion of persons refused to report their income or income category during the Family Questionnaire. Due to the income nonresponse the potential for bias in PIR may be high. Users are cautioned to examine potential nonresponse bias for PIR and other income variables.

## Survey Design Data

SDPPHASE: Phase of NHANES III survey

For operational purposes, 81 primary sampling units were divided into 89 survey locations (or stands) and randomly allocated to two three-year phases. Phase 1 data were collected from October 1988 through October 1991 and Phase 2 data were collected from October 1991 through October 1994.

SDPSTRA6, SDPSTRA1, SDPSTRA2, and SDPPSU6, SDPPSU1, SDPPSU2: Pseudo strata codes and pseudo PSU pair codes

Because NHANES III was based upon a complex sample design, the assumptions of many statistical tests and routinely available statistical programs are not met. For this reason, when estimates of the variances of statistics are computed, the technique of estimation must be based upon complex sampling theory. In order to provide users with the capability of estimating the complex sample variances, 49 pseudo strata and a pair of Primary Sampling Unit (PSU) codes per stratum were designed.

A software package, "SUDAAN- Software for the Statistical Analysis of Correlated Data" (Shah, 1995), was developed by the Research Triangle Institute to analyze complex sample design data like NHANES. SUDAAN uses strata and PSU codes to conduct analysis with two PSU per stratum design. Therefore, definition of pseudo strata and PSU provided in this data file should be used to compute complex sample variances in analyses. Other software available for estimation of complex sample variance may also be used. For further discussion of methods of variance estimation in NHANES III, see additional information on this subject in Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

## Sampling Weights

WTPFQX6, WTPFQX1, WTPFQX2: Total NHANES III and phase-specific final interview weights

These sampling weights should be used only for items collected during the household interviews. To compute final interview weights, final basic weights were first adjusted for nonresponse to household interview, then post-stratified to the unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFEX6, WTPFEX1, WTPFEX2: Total NHANES III and phase-specific final MEC examination weights

These MEC sampling weights should be used for analysis of measurements or interview items collected in the MEC. Persons who were not examined in the MEC have a sampling weight of zero and should be excluded from analyses. To compute final MEC examination weights, final interview weights were first adjusted for nonresponse to MEC examinations, then post-stratified to the unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHX6, WTPFHX1, WTPFHX2: Total NHANES III and phase-specific MEC+home examination weights

These MEC+home sampling weights should be used for analysis of the examination items where measurements or interview items were collected in the MEC and home. Persons who were not examined in the MEC or home have a sampling weight of zero and should be excluded from analyses. To compute final MEC+home examination weights, final interview weights were first adjusted for nonresponse to MEC and home examinations, then post-stratified to unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. No separate sampling weights were computed for home examinees. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFALG6, WTPFALG1, WTPFALG2: Total NHANES III and phase-specific allergy examination subsample weights

These subsample weights are for analysis of allergy measurements. Allergy skin reactivity tests were administered to all MEC-examined persons aged 6-19 years and a random half-sample of the adults aged 20-59 years. Eligible MEC-examined persons who did not complete the allergy tests have a sampling weight of zero and should be excluded from the analyses. Final MEC examination weights were first adjusted for

selection of the half-sample among adults (20-59 years), and post-stratified to the unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount in the final step. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFCNS6, WTPFCNS1, WTPFCNS2: Total NHANES III and phase-specific central nervous system (CNS) examination subsample final weights

These subsample weights are for analysis of measurements from the Central Nervous System (CNS) test. The CNS examination was administered to a random half-sample of the adults aged 20-69 years. Eligible MEC-examined persons who did not complete CNS testing have a sampling weight of zero and should be excluded from the analyses. Final MEC examination weights were first adjusted for selection of half sample among adults (20-59 years), and post-stratified to unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount in the final step. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFSD6, WTPFSD1, WTPFSD2: Total NHANES III and phase-specific morning session MEC examination subsample final weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for persons aged 12 years and older who were scheduled and examined in the MEC morning session. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instructions varied by age and session assignment (Plan and Operation of The Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC examination weights were first adjusted for the random half selection, then adjusted for the non-response to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 Population control estimates of the U.S. population adjusted for undercount. Eligible MEC-examined persons who were assigned to the morning session and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFMD6, WTPFMD1, WTPFMD2: Total NHANES III and phase-specific afternoon/evening session MEC examination subsample final weights

These subsample weights are for special analyses where fasting time

might be an important factor. They were computed for MEC examined persons aged 12 years and older who were scheduled and examined in the afternoon or evening sessions. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File.) compute these weights, final MEC examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC examined persons who were assigned to the afternoon or evening sessions and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHSD6, WTPFHSD1, WTPFHSD2: Total NHANES III and phase-specific morning session MEC+home examination subsample final poststratified weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for MEC+home examined persons aged 12 years and older who were scheduled and examined in the morning session. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operations of the Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC+home examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC+home examined persons who were assigned to the morning session and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHMD6, WTPFHMD1, WTPFHMD2: Total NHANES III and phase-specific afternoon/  
evening MEC+home examination subsample final weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for MEC+home examined persons aged 12 years and older who were scheduled and examined in the afternoon or evening sessions. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operation of the Third National Health and Nutrition Examination Survey, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time. The actual fasting time can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC+home examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC+home examined persons who were assigned to the afternoon or evening sessions and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPQRP1--WTPQRP52: Fay's BRR Replicate interview sample

To allow for alternative methods to estimate variance, 52 replicate weights were computed using repeated sampling method where WESVAR or other software that use repeated samples, can be used for estimating variance. Fay's method (see Fay, 1990; Judkins, 1990) was used to draw half samples and adjust sampling weights in each of the random half samples. Sampling weights in one half sample were multiplied by the factor  $k=1.7$  and in the other half sample by  $k=0.3$  using the Fay's method. After this adjustment, sampling weights were further adjusted for non-response and post-stratified using the same procedure as the final full sample interview weights. These weights should be used only for estimating variance of items from the household adult and youth interviews. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPXRP1--WTPXRP52: Fay's BRR Replicate weights for MEC- examined sample

To allow for alternative methods to estimate variance, 52 replicate weights were computed using repeated sampling method where WESVAR or other BRR type software can be used to estimate variance. Fay's method (see Fay, 1990; Judkins, 1990) was used to draw half samples and adjust sampling weights in each of the random half samples. Sampling weights in one half sample were multiplied by the factor  $k=1.7$  and in the other half sample by  $k=0.3$  using Fay's method. After this adjustment, weights were further adjusted for nonresponse and were post-stratified using the same procedure as the full sample final weights. These weights should be used only for estimating variance of outcome measurements or interview items from the MEC Examination. For details, see additional information on this subject in Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

## Household Youth Questionnaire

**HYAITMO:** Age in months (Household Youth Interview)

Age in months was calculated by computing number of months between Household Youth Interview date and the date of birth. It was created for special analyses where exact age at the interview may be needed. This computed age may be different from the self-reported age in HSAGEIR and HSAGEU, or HSAITMOR. For most analyses, age reported in HSAGEIR (and HSAGEU) should be used.

## MEC Examination

**MXPLANG:** Language of MEC examination

This variable designates the language of conduct for the MEC examination. questionnaires were designed to be implemented in a bilingual (English/Spanish) format so that respondents could be interviewed in their preferred language. When it was necessary to conduct an interview in another language, a translator assisted the interviewer in administering the questionnaires. These interviews were coded as other.

**MXPSESSR:** Examination session for MEC examinees

This variable designates the period during the day that the examination occurred. To increase response rates and allow flexibility, examinations were scheduled in three sessions: morning, afternoon and evening. On occasion, more than one session was attended in order to complete the full examination. In such a situation, the session was coded as the one when most of the examinations were completed.

**MXPAXTMR:** Age in months at MEC examination

Age in total months was created for special analyses where exact age at the examination may be needed (e.g., computation of growth charts). It was calculated by computing number of months between examination date and the date of birth. Some examinees may have had a birthday between household interview and examination so that this computed age at examination may differ slightly from the age reported in HSAGEIR (and HSAGEU), or HSAITMOR. For most analyses age reported in HSAGEIR (and HSAGEU) should be used. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

## Home Examination

HXPAXTMR: Age in months at home examination

Age in total months was created for special analyses where exact age at the examination may be needed (e.g., computation of growth charts). It was calculated by computing number of months between examination date and the date of birth. Some examinees may have had a birthday between household interview and examination so that this computed age at examination may differ slightly from the age reported in HSAGEIR (and HSAGEU), or HSAITMOR. For most analyses age reported in HSAGEIR (and HSAGEU) should be used. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

HXPSESSR: Examination session for home examinees

This variable designates the period during the day that the examination occurred. To increase response rates and allow flexibility, examinations were scheduled in three sessions: morning, afternoon and evening. On occasion, more than one session was attended in order to complete the full examination. In such a situation, the session was coded as the one when most of the examinations were completed.

## Family Questionnaire Notes

### HFVERS: Version of household family questionnaire

During the six years of the survey, portions of the Family Questionnaire were modified several times resulting in four different versions. Questions were dropped, revised, or added to meet divergent research needs. Changes were made in the ordering of selected questions, in the reference time period, and in the wording of questions. Versions 1 and 2 were implemented during Phase 1, and Versions 3 and 4 were implemented during Phase 2. Versions 3 and 4 vary only by implementation mode; Version 3 was conducted by pencil and paper and Version 4 was conducted using the computer-assisted personal interview (CAPI). The Family Questionnaire printed in the Plan and Operation of the Third National Health and Nutrition Examination Survey (U.S. DHHS, 1996) most closely resembles the final version. During the editing of this data file, variables from different versions were put together where feasible to enable analysis of complete six-year data for as many variables as possible. Notes elaborating question modifications are provided in this document. Users should carefully examine the differences to determine how to conduct analyses. HFVERS can be used to identify the sample persons who were administered each version.

### HFLANG: Language of household family questionnaire

This variable designates the language of conduct for the Family Questionnaire. Questionnaires were designed to be implemented in a bilingual (English/Spanish) format so that respondents could be interviewed in their preferred language. When it was necessary to conduct an interview in another language, a translator assisted the interviewer in administering the questionnaires. These interviews were coded as "Other".

## Individual Characteristics

### HFA6XCR: In what state or foreign country was -- born?

This recoded variable derived from question A6 in the Household Family Questionnaire. Place of birth was regrouped into three broad categories in order to maintain confidentiality of the survey participant.

### HFA8R: What is the highest grade or year of regular school -- has completed?

This recoded variable was created from two separate questions A7 and A8. Question A7 asked "What is the highest grade/year of regular school -- has ever attended?" Question A8 asked "Did you finish that grade/year?"

HFB1-HFB17: Health insurance coverage questions

Three versions of the health insurance questions were asked during the survey. The major difference was the time frame referenced for recall (e.g. "now" versus "in the last month"). Some questions had slight variations in the wording across versions; others may have been omitted from one version but added in another. When differences in versions were slight, the variable was created for the full survey time period. When differences were significant, version-specific variables were maintained. The variable HFVERS can be used to identify version. Separate notes are provided to show differences by version. Because of many changes for this section of questions, data may not be available for all survey participants

HFB1: Medicare coverage of all SPs in the family

This question differed in the time frame referenced for recall. Versions 1 and 2 read, "Is anyone in the family NOW covered by Medicare?" Versions 3 and 4 read "DURING THE LAST MONTH was anyone in the family covered by Medicare?"

HFB2: Medicare coverage of specific family members

This question differed in the time frame referenced for recall. Versions 1 and 2 read, "Is -- NOW covered by Medicare?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by Medicare?"

HFB4: Medicare coverage for hospital bills

This question refers to specific coverage for hospital bills. The versions differed in the time frame referenced for recall. Versions 1 and 2 read, "Is -- NOW covered by the part of Medicare that pays for hospital bills?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by the part of Medicare that pays for hospital bills?"

HFB5: Medicare coverage for doctor bills

Medicare has an optional feature that requires additional funds and helps to pay for doctor bills. The different versions varied in the time frame referenced for recall. Versions 1 and 2 read, "Does --'s Medicare pay for doctor's bills?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by the part of Medicare that pays for doctor's bills?"

HFB6: Medicaid coverage of any SPs in the family

This question refers to the national program called Medicaid which pays for health care for persons in need. The different versions varied in the time frame referenced for recall. Versions 1 and 2 read, "DURING THE PAST 12 MONTHS was anyone in the family covered by Medicaid?" Versions 3 and 4 read, "DURING THE LAST MONTH was anyone in the family covered by Medicaid?"

HFB7: Medicaid coverage for specific persons in the family

This question differs by version in the time frame referenced for recall. Versions 1 and 2 read, "At any time DURING THE LAST 12 MONTHS was -- covered by Medicaid?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by Medicaid?"

HFB8: Coverage by CHAMPUS, CHAMPVA, the VA, or military health care of any SPs in the family

This question was not asked on Version 1 of the questionnaire, and had time frame variations between Versions 2 and 3 and 4. Version 2 reads, "DURING THE PAST 12 MONTHS was anyone in the family covered by CHAMPUS/CHAMPVA, the VA or military health care?" Versions 3 and 4 read, "DURING THE LAST MONTH was anyone in the family covered by CHAMPUS/CHAMPVA, the VA or military health care?"

HFB9: Coverage by CHAMPUS, CHAMPVA, the VA, or military health care of specific persons in the family

This question was not asked on Version 1, and had time frame variations between Versions 2 and 3 and 4. Version 2 reads, "DURING THE PAST 12 MONTHS was -- covered by CHAMPUS/CHAMPVA, the VA or military health care?" Version 3 and 4 read, "DURING THE LAST MONTH was -- covered by CHAMPUS/CHAMPVA, the VA or military health care?"

HFB10: Coverage by health insurance plans obtained privately or through an employer or union for any SPs in the family

This question changed in wording, and in time frame between all versions of the questionnaire. For Versions 1 and 2, the frame of reference was NOW. For Versions 3 and 4, the frame of reference was DURING THE LAST MONTH. For Versions 1 and 3 and 4 the introductory statement read, "We are interested in all kinds of health insurance plans except those that pay only for accidents." The Version 2 introductory statement read, "We are interested in all kinds of private health insurance except those that pay only for accidents."

Version 1 of the question read, "(Not counting Medicare) is anyone in the family NOW covered by a health insurance plan that pays any part of a hospital, doctor's, or surgeon's bill?" Version 2 of the question reads, "(Not counting Medicare, Medicaid, or Veteran's payments) is anyone in the family NOW covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital, doctor's, or surgeon's bill?" Versions 3 and 4 of the question read, "(Not counting Medicare, Medicaid, or Veteran's payments) DURING THE LAST MONTH was anyone in the family covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital stay or routine doctor's care? Include membership in a health maintenance organization."

HFB11 and HFB11A-HFB11E: Coverage by health insurance plans obtained privately or through an employer or union for specific family members

Questions HFB11A-HFB11E follow from the lead-in question HFB11. The time frame for all of the questions is dependent upon the version of the lead-in question. Version 1 read, "Is -- NOW covered by a health insurance plan?" Version 2 read, "Is -- covered by a health insurance plan?" Versions 3 and 4 read, "During the LAST MONTH was -- covered by a health insurance plan obtained privately or through an employer or union?" Many of the questions that follow are version-specific, as noted.

HFB11B: Coverage of routine doctor's care from health insurance plans obtained privately or through an employer or union

This question was asked only on Versions 3 and 4 of the questionnaire.

HFB11C: Dental care coverage of health insurance plans obtained privately or through an employer or union

This question was not asked in Version 1 of the questionnaire.

HFB11D: Insurance plan from former employer or union rather than obtained privately

This question was asked only on Version 3 of the questionnaire.

HFB11E: Coverage of doctor's or surgeon's bills for operations from health insurance plans obtained privately or through an employer or union

This question was asked only on Versions 1 and 2.

HFB12: Has --- ever been refused health insurance or limited in the kind of insurance coverage

This question was asked only on Versions 3 and 4 of the questionnaire.

HFB14AA-HFB14BI: Reasons for not having health insurance

The response categories for this question differed significantly by version and were therefore all included. A respondent could give multiple responses for this question. HFB14AA and HFB14AH were possible responses in Version 1. HFB14BA-HFB14BI were possible responses in Version 2.

HFB16A and HFB16B: Main reason -- not covered by health insurance

These were retained as separate variables because the response categories for the question differed significantly by Version. Categories for question 16A were included in Versions 1 and 2. Categories for question 16B were

included in Versions 3 and 4.

HFB17: Health insurance that pays any part of dental care

This was asked only on Version 1 of the questionnaire. The question for variable HFB11C (Versions 2,3 and 4) also dealt with dental care coverage, though had different criteria in its lead-in question.

HFC2S: How much (does --'s mother/do you) weigh? (pounds)

This variable was created from question C2 to standardize responses to pounds. For responses in kilograms the conversion factor 2.2046 kilograms/pound.

HFC3S: How tall (is --'s mother/are you)? (inches)

This variable was created from question C3 to standardize responses to inches. For responses in centimeters, the conversion factor was 0.3937 centimeters/inch.

HFC4S: How much (does --'s father/do you) weigh? (pounds)

This variable was created from question C4 to standardize responses to pounds. For responses in kilograms the conversion factor 2.2046 kilograms/pound.

HFC5S: How tall (is --'s father/are you)? (inches)

This variable was created from question C3 to standardize responses to inches. For responses in centimeters, the conversion factor was 0.3937 centimeters/inch.

HFC7S: How long has -- lived at this address? (weeks)

This standardized variable was created from the two-part question (quantity and unit) C7 using the conversion factors 4.3 weeks/month and 52 weeks/year. If the response was "whole life", then the time was converted to weeks based on age at interview (HSAGEIR and HSAGEU).

HFC8S: How long has -- lived in this (city/town/area)? (weeks)

This variable was created from the two part question (quantity and unit) C8 using the conversion factors 4.3 weeks/month and 52 weeks/year. If the response was "whole life", then the time was converted to weeks based on age at interview (HSAGEIR and HSAGEU).

HFD1, HFD9R, HFD10R, HFD12: Questions on occupation of the Family Reference Person (FRP)

These questions were asked about the occupation of FRPs only if they were not sample persons. FRPs who were also sample persons responded to questions on occupation in the Household Adult Questionnaire (HAS1-HAS29).

For additional information on the FRP from the Family Questionnaire, see variables that begin with the prefix HSH.

HFD9R: Business or industry of Family Reference Person

Classification of business or industry based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HFD10R: Occupation of Family Reference Person

Classification of occupation based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HFD12: Class of worker Family Reference Person (FRP)

The category armed forces was added in Versions 3 and 4. In the earlier version, armed force status can be ascertained from HFD9. In Versions 3 and 4, FRPs who were in active military service skipped out of the detailed occupational questions in this section.

HFE1: Year house was built

A small number of sample persons were unable to answer this question because they reported living in mobile homes. Since there was not category for this response, they were included as blank but applicable.

HFF2R: Total number of persons who smoke cigarettes in the home

This total was derived by counting the number of persons recorded as smoking in the home (questions F1 and F2).

HFF4-HFF8: Food Insufficiency

The intent of these questions was to capture insufficient food availability at the family level due to lack of money and/or other resources as answered by the respondent to the Family Questionnaire. Related questions answered by individuals or their proxies were asked following the 24-hour dietary recall in the MEC (See NHANES III Dietary Data File).

HFF6: Reasons for no food or money to buy food

More than one response could be answered yes for question F6. Textual responses to this question were reviewed and coded into existing categories HFF6A-HFF6C where possible. Remaining responses which could not be coded back into existing questions, such as health reasons, are included in HFF6D as "Other."

HFF7 and HFF8: Size of meals cut

Questions F7 and F8 were asked only in Versions 3 and 4. The variable HFVERS can be used to select only those records for sample persons who were asked these questions. The purpose of the questions was to ascertain information on cutting back or skipping meals as a coping strategy for not having enough food in the family.

HFF9: WIC participation in family

WIC is the Special Supplemental Food Program for Women, Infants, and Children administered by the U.S. Department of Agriculture. Question F9 was asked also of individuals or their proxies during the interviews that took place in the MEC and home examinations. (See NHANES III Examination Data File)

HFF10 and HFF11: Food Stamp Program participation in family

Food stamps refers to the Food Stamp Program administered by the U.S. Department of Agriculture.

HFF12A-HFF17B: Types of family income

Questions F12 through F17 were structured similarly. The first part of the question asked whether any family member received a certain type of income.

The second part of the question indicated the recording of the line number(s) for the person(s) who received the income. Because the line number from the Household Screener Composition Table will not be released, the second part of the question will contain only the response for the specific sample person to which a record refers.

HFF13A: Social Security or Railroad Retirement payments in family

The time frame as well as the wording changed in this question. In Versions 1 and 2, the frame of reference was THE PAST 12 MONTHS. In Versions 3 and 4, the frame of reference was the LAST MONTH. Versions 1 and 2 read "DURING THE PAST 12 MONTHS did any member of the family receive any Social Security payments?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive any Social Security or Railroad Retirement payments?"

HFF13DA-HFF13DB: Reason for receiving Social Security or Railroad Retirement payments

The response categories for question F13d changed significantly between Versions 1 and 2 and Versions 3 and 4 so that the question was retained by version.

HFF13E: Another reason for receiving Social Security payments

In Versions 1 and 2, respondents were asked to state another reason that they were receiving Social Security.

HFF14A: Supplemental Security Income payments in family

The time frame changed in this question. In Versions 1 and 2, the frame of reference was THE PAST 12 MONTHS. In Versions 3 and 4, the frame of reference was the LAST MONTH. Versions 1 and 2 read "DURING THE PAST 12 MONTHS did anyone in the family receive SSI (Supplemental Security Income) payments from the U.S./Federal government?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive SSI (Supplemental Security Income) payments from the Federal government?"

HFF14B: Supplemental Security Income payments to SP

The time frame changed in this question. In Versions 1 and 2 the frame of reference was THE PAST 4 MONTHS. In Version 3 and 4 the frame of reference was THE LAST MONTH. Versions 1 and 2 read "DURING THE PAST 4 MONTHS, did -- receive SSI payments from the U.S./Federal government?" Version 3 and 4 reads "DURING THE LAST MONTH, did -- receive SSI payments from the Federal government?"

HFF14D: Supplemental Security Income payments from State or local welfare office

Question F14d was asked only in Versions 1 and 2 of the questionnaire. The variable HFVERS should be used to select only those records for sample persons who were asked this question.

HFF15A-HFF16B: Pension or disability payments- Public assistance or welfare payments

Questions F15a-F16b were asked only in Version 3 and 4. The variable HFVERS should be used to select only those records for sample persons who were asked this question.

HFF16D-HFF16E: Aid to Families with Dependent Children payments

Questions F16d and F16e were asked only in Versions 2 and 3 of the questionnaire. The time frame was modified between the last two versions. For question F16d, Version 2 read "Does anyone in the family NOW receive assistance through the "Aid to Families with Dependent Children" Program, sometimes called "AFDC" or "ADC?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive "Aid to Families with Dependent Children", sometimes called AFDC or ADC?" For question F16e, Version 2 read "Is -- included in the AFDC assistance payment?" Version 3 and 4 read "DURING THE LAST MONTH, did -- receive "Aid to Families with Dependent Children," sometimes called AFDC or ADC?"

HFF17A-HFF17B: Income from any other source

These questions were asked only in Version 3. The variable HFVERS should be used to select only those records for sample persons who were asked these questions.

HFF19R: Family income during last 12 months

The response categories were changed between Versions 1 and 2 and Version 3 and 4 of the questionnaire. In Versions 1 and 2, the response categories for question F19 ended with the category "\$50,000 and over" (coded 27) In Version 3 and 4, the categories were expanded to include four that were over \$50,000.

27	\$50,000-\$59,000
28	\$60,000-\$69,000
29	\$70,000-\$79,000
30	\$80,000 and over

Variable HFF19R is a recoded variable based on response categories for Versions 1 and 2. For comparability, responses to categories over \$50,000 in Versions 3 and 4 were collapsed back into the single category "\$50,000 and over."

HFF20R: Family income during last month

Respondents were allowed to indicate that their family income during the last month was the annual income reported in question F19 divided by 12. For these responses, the monthly income was imputed by dividing the midpoint of the range selected in question F19 by 12. The response categories were changed between Versions 1 and 2 d Version 3 of the questionnaire. In Versions 1 and 2, the response categories for question F20 ended with the category "4,000 and over" (coded 20) In Version 3 and 4, the categories were expanded to include:

20	\$4,000-\$4,999
21	\$5,000-\$5,999
22	\$6,000-\$6,999
23	\$7,000 and over

Variable HFF20R is a recoded variable created using the response categories for Versions 1 and 2. For comparability, responses in Versions 3 and 4 to the expanded categories were collapsed back into the single category "\$4,000 and over."

## Family Reference Person

HFHSEQN: Sequence number for Family Reference Person (FRP)

This variable is the unique identifier for the family reference person (FRP). The FRP was designated during the Screener interview as the person 17 years of age or older who owned or rented the dwelling unit. If no one owned or rented the unit, then the family reference was the first family member mentioned by the Screener respondent who was 17 years of age. The FRP was established in order to arrange household members into family units. In earlier NHANES and in parts of the NHANES III interview questionnaires, the FRP was referred to as "the head of the household." (For more details, see the chapter on "Administering the Interview" in the NHANES III Interviewer's Manual, U.S DHHS, 1996.)

HFHAGER: Age of the Family Reference Person (FRP)

Question A3 of the Family questionnaire asked the age (transcribed from the Screener) of the FRP and of each sample person. See HSAGEIR and HSAGEU for the age at interview (Screener Interview) of sample persons.

HFHSEX: Sex of the Family Reference Person (FRP)

Question A4 of the Family questionnaire asked the sex of the FRP and of each sample person. See HSSEX for the sex of sample persons.

HFHFIPR: Place of birth Family Reference Person (FRP)

This recoded variable was derived from question A6 in the Household Family Questionnaire. Place of birth was regrouped into three broad categories in order to maintain confidentiality of the survey participant. See HFA6XCR

HFHEDUCR: Highest grade completed Family Reference Person (FRP)

This recoded variable was created from two separate questions A7 and A8 in the Family questionnaire. These questions were asked of all sample persons as well as of the FRP. Question A7 asked "What is the highest grade/year of regular school -- has ever attended?" Question A8 asked "Did you finish that grade/year?" Persons who did not complete the grade answered in A7, were coded to having completed one previous grade. See HFA8R for completed years of education for sample persons.

HFHEMPL: Employment status of Family Reference Person (FRP)

This derived variable combines responses from questions D2 and D3 of the Family questionnaire for FRPs who were not sample persons, and from questions S1 and S2 of the Household Adult questionnaire for FRPs who were also sample persons. For more detail on the occupation of the FRP see: variables HFD1, HFD9R, HFD10R and HFD12.

HFHMRST: Marital status of Family Reference Person (FRP)

Question A12 asked the marital status of the FRP and the sample person. See HFA12 for the marital status of sample persons.

HFHMLSV: Military service of Family Reference Person (FRP)

Question A13 of the Family questionnaire asked whether the FRP or the sample person ever served in the Armed Forces. Persons who were serving in the military at the time of the interview, but living at home, were permitted to be only Family Reference Persons, not sample persons. See HFA13 for the military service of sample persons.

HFRELR: Relationship of respondent to the Family Reference person

No other information, except for age (HFAGERR), is available on respondents to the Family Questionnaire who were not sample persons or family reference persons.

HFAGERR: Age of respondent

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

Household Adult Questionnaire

HAA4-HAA6D: Orientation

These questions on mental cognition were asked only of self-responding sample persons 60 and older; not to proxy respondents. These questions along with questions HAP17A1-HAP19C of the Household Adult Questionnaire and the Cognitive Function Tests (Parts A and B) found on the both the Home Examination Questionnaire and the Mobile Examination Center Adult Questionnaire were constituents of a mental status examination (Folstein, Folstein, and McHugh, 1975 and Albert et al., 1991).

HAB6S: Number of months since last saw medical provider

This variable was created from the two part question (number and unit) B6 using the conversion factor 12 months/year.

HAC3AR, HA3DR, HAC3ER, HAC3FR, HAC3GR, HAC3HR, HAC3IR, HAC3JR, HAC3KR, HAC3LR, HAC3MR, HAC3NR, HAC3OR: Age when first told had medical condition (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAC5A10, HAC5A11, HAC5A12: Did son, daughter, or other relative have diabetes?

During Phase 2 (years 5 and 6 only), son and daughter were added as response categories to the list of family members who were told by a doctor that they had diabetes. Remaining responses (other relatives) that could not be coded back into existing categories were included in HAC5A12.

HAC5B10, HAC5B11, HAC5B12: Did son, daughter or other relative have heart attack before age 50?

During Phase 2 (years 5 and 6 only), son and daughter were added as response categories to the list of family members who were told by a doctor that they had a heart attack before age 50. Remaining responses (other relatives) that could not be coded back into existing categories were included in HAC5B12.

HAD5R: How old were you when a doctor told you that you had diabetes?

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAD7S: About how often do you take insulin? (times per week)

This variable was created from the two part (number and unit) question D7 using the conversion factor 7 days/week.

HAD9S: For how long have you been taking insulin? (months)

This variable was created from the two part (number and unit) question D9 using the conversion factor 12 months/year.

HAD11AS: How often do you check yourself for glucose or sugar in your urine?

This variable was standardized to "times per month" from the two part (number and unit) question D11A using the conversion factors 30.4 days/month and 4.3 weeks/month.

HAD11BS: How often do you check yourself for glucose or sugar in your blood?

This variable was standardized to "times per month" from the two part (number and unit) question D11B using the conversion factors 30.4 days/month and 4.3 weeks/month.

HAD12S: Last time had eyes examined by a doctor

The response to question D12 was standardized to using the conversion factors 7 days per week, 30.4 days per month, and 365 days per year.

HAD13S: Time since last eye exam in which pupils were dilated

The response to question D13 was standardized to using the conversion factors 7 days per week, 30.4 days per month, and 365 days per year.

HAF4: What do you do if you get pain while walking?

This question, and others in this section, are from the London School of Hygiene Cardiovascular Questionnaire, including the Rose Angina, Possible Infarction, and Intermittent Claudication questions (Rose GA, Blackburn H, Gillum RF, and Prineas RJ, 1982).

When the questionnaire was converted to a computer-assisted personal interview (CAPI), some changes were made to the questionnaire to improve the flow of the interview. Based on frequent comments from respondents, an additional response category was added for this question: "does not get pain in chest while walking." For any analysis where there is interest in this response, only those respondents who had the option of selecting this response category should be included. Use HAVERS to select questionnaire version and phase.

HAF7A-HAF7H: Part of chest where pain is located

All parts of the chest where pain was located were recorded. Responses to the follow-up question (F8) "do you feel it anywhere else?" were coded back into the existing response categories for question F7, and are therefore included in these variables. Analysts should refer to the cardiovascular section of the Household Adult Questionnaire (page 131) in the Plan and Operation of NHANES III (U.S. DHHS, 1996) for the drawing identifying numbered areas.

HAF12R, HAF13R: Age when had first and last heart attacks (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAG4A-HAG4C: Part of back where pain is usually located

Analysts should refer to the musculoskeletal conditions section of the Household Adult Questionnaire (page 133) in the Plan and Operation of NHANES III (U.S.DHHS, 1996) for the drawing identifying numbered areas.

HAG6A-HAG6C: Number of fractures

The questions on the number of times specific bones (hip, wrist, and spine) were fractured were followed by questions on age at the time of the fracture and the cause for each fracture. This additional information was only collected on the first 6 fractures.

HAG9AR-HAG9ER: Age at time of fracture for each site

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAG17A-HAG17EE: Painful or stiff joints in hands

Analysts should refer to the musculoskeletal conditions section of the Household Adult Questionnaire (page 135) in the Plan and Operation of NHANES III (U.S. DHHS, 1996) for the drawings identifying numbered areas.

HAG19A-HAG19EE: Swelling joints in hands

Analysts should refer to the musculoskeletal conditions section of the Household Adult Questionnaire (page 136) in the Plan and Operation of NHANES III (U.S. DHHS, 1996) for the drawings identifying numbered areas.

HAI1-HAJ2C: Pain related to gallbladder disease

Analysts should refer to gallbladder disease section of the Household Adult Questionnaire (page 139) in the Plan and Operation of NHANES III (U.S. DHHS, 1996) for the drawing identifying numbered areas.

HAI3S: Longest time for one episode of pain reported (minutes)

This variable was standardized to time in minutes for the responses to question J3 using the conversion factors 24 hours/day and 60 minutes/hour.

HAIJ8: What did the doctor say caused the pain?

Most of the causes for pain reported in the "other" specified category were recoded into response categories.

HAIJ10: Reason visited doctor the time he told you that you had gallstones

Most of the causes for pain reported in the "other" specified category were recoded into response categories.

HAIJ18R: Age when had gallbladder surgery (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAK3B1R, HAK3C1R: Age related to treatment of gallstones (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAM5S: Reported height without shoes (inches)

This variable was standardized to inches using the conversion factors 0.3937 inches per centimeter, and 12 inches per foot.

HAM6S: Reported weight without clothes (lbs)

This variable was standardized to weight in pounds using the conversion factor 2.2046 pounds per kilogram.

HAM8S-HAM10S: Reported weight at different times in past (lbs)

These variables were standardized to weight in pounds using the conversion factor 2.2046 pounds per kilogram.

HAN1AS, HAN1BS, HAN1ES-HAN7CS, HAN8AS-HAN8FS: Frequency of consumption of food item per month

Respondents were asked how often over the past month they had eaten specified food items. The foods were listed in groups, targeting those high in vitamins A and C and calcium. Interviewers also probed for other food and beverage items (HAN8AS-HAN8FS). The series of questions were identical to the dietary food frequency questions administered to youths 12 - 16 years in the mobile examination center (see NHANES III Examination Data File). It is important to note that portion sizes were not defined, and responses represent "number or times" as determined by the respondent. Thus, analysts should be aware of possible extreme values. Foods were reported as number of times consumed per day, per week, per month, or never. All frequency of consumption

variables were standardized as "times per month" using the conversion factors 4.3 weeks/month and 30.4 days/month rounded to the nearest whole number. If the frequency of consumption was reported as "never," the value was recorded as zero.

HAND1: Usual type of milk consumed

Only usual milk consumed was recorded here. If more than one milk type was reported as "usual," the first milk reported was recorded. Guidelines based on fat content were developed in order to recode other milks that were reported but not listed and to create new categories.

Reported usual milk:

Recoded As:

Goat's milk	01 whole/regular milk
	02 2%/low fat
acidophilus milk; lactose-reduced milk	03 1% milk
hot chocolate mix; powdered; 0.5% milk	04 skim/nonfat milk
	05 buttermilk
	06 evaporated
	07 other not specified
	09 half and half/cream

HAN8ACD, HAN8BCD, HAN8CCD, HAN8DCD, HAN8ECD, HAN8FCD: New codes for other missed foods/beverages

Respondents also were asked about other foods not listed in the food frequency questionnaire. Responses to this question from both the adult and the youth food frequency questionnaires were edited by first determining whether the food could be coded back into an existing category. When possible, the frequency of consumption of that food was added to the original response for the pre-existing category. If the original response was "Never consumed," then the consumption frequency for the "Other food not listed" replaced the original response. Foods that were reported using frequency units were first converted to a common unit; the frequencies were summed to produce whole number estimates. For example, if the reported frequency for the category "Other vegetables" was once per day and asparagus consumption once per week was reported for "other food not listed," then the frequency for asparagus consumption was added to the frequency of the "Other vegetables" category and recalculated as a consumption of eight per week. When it was not possible to recode a response, a determination was made about whether a new category should be created based on the reported frequency of the food or whether the food represented an important source of a specific nutrient. The following eight new food groups were defined:

- 01 Egg substitutes
- 02 Decaffeinated coffee and espresso
- 03 Decaffeinated/herbal tea
- 04 Sports drinks, fruit drinks (excluding juices but including tamarind drinks), and popsicles
- 05 Water, including tap, mineral, spring, seltzer, soda
- 06 Soy products, including tofu, soy milk, soy ice cream, soy cheese, soy hamburgers, soy hot dogs, soy flour, and textured vegetable protein
- 07 Non-alcoholic beer/wine

08 Others not specified or not elsewhere classified, including diet, breakfast, and nutrition drinks, pudding, condiments, sour or whipped cream, granola bars, and gelatin

HAR4S: Number of cigarettes smoked per day

This variable was created from the two-part question (quantity and unit) R4 using the conversion factor 20 cigarettes/pack.

HAR7S: Number of cigarettes smoked per day when smoked the most

This variable was created from the two-part question (quantity and unit) R7 using the conversion factor 20 cigarettes/pack.

HAR11R: Age when last smoked fairly regularly (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAR12S: Number of cigarettes smoked per day before quit smoking

This variable was created from the two-part question (quantity and unit) R12 using the conversion factor 20 cigarettes/pack.

HAR18AS: Number of containers of snuff used per week

This variable was created from the two-part question (quantity and unit) R18 using the conversion factor seven days/week.

HAR18BS: Number of containers of chew used per week

This variable was created from the two-part question (quantity and unit) R18 using the conversion factor seven days/week.

HAR20R: Age when last used chew or snuff (years)

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAS8R: Business or industry

The classification of business or industry was based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HAS9R: Occupation

The classification of occupation was based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HAS12S: For how long worked at job (months)

This variable was created from the two-part question (quantity and unit) S12 using the conversion factor 12 months/year.

HAS17R: Longest held occupation

The classification of occupation was based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HAS19R: Business for the longest held occupation (as reported in HAS17R)

The classification of business was based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HAT1S-HAT26S: In the past month number of times did specified exercise

Respondents were asked how frequently they performed specified leisure time exercise or physical activities in the past month. Responses were standardized as "times per month" using the conversion factors 4.3 weeks/month and 30.4 days/month, rounded to the nearest whole number. Responses of 100 times per month or more were categorized as "100+". The frequency of performance of other reported exercises, sports, or physically active hobbies was also recorded (HAT20S, HAT22S, HAT24S, HAT26S).

HAT1MET-HAT16MET, HAT19MET-HAT25MET: Activity codes and intensity ratings

Physical activities were coded and classified by rate of energy expenditure (i.e. by intensity) according to a standardized coding scheme developed by Ainsworth BE, Haskell WL, Leon AS, et al. (Ainsworth, 1993). The coding scheme uses five digits that classify activity by purpose, the specific type of activity, and its intensity as the ratio of work metabolic rate to resting metabolic rate (METs). Listed activities, as well as other activities reported (HAT19MET-HAT25MET) were assigned intensity ratings. A list of the codes and intensity ratings are found in Appendix 2.

HAT19CD-HAT25CD: Other activities (coded)

After administering the list of specified physical activities, interviewers probed for other exercises, sports or physically active hobbies not mentioned. Activities were coded and classified by rate of energy expenditure (i.e. by intensity) according to a standardized coding scheme developed by Ainsworth BE, Haskell WL, Leon AS, et al (Ainsworth, 1993). A list of the codes and intensity ratings are found in Appendix 2.

HAV1S: Number of phone calls per week with family and friends

This variable was created from the two part question (number and unit) V1 using the conversion factor 7 days/week.

HAV2S: Number of visits per year with friends and relatives

This variable was created from the two part question (number and unit) V2 using the conversion factors 365 days/year, 52 weeks/year, and 12 months/year.

HAV3S: Number of times per year visits with neighbors

This variable was created from the two part question (number and unit) V3 using the conversion factors 365 days/year, 52 weeks/months, and 12 months/year.

HAV4S: Number of times per year attends church

This variable was created from the two part question (number and unit) V4 using the conversion factors 365 days/year, 52 weeks/year, and 12 months/year.

HAV6S: Number of times per year attends club meetings

This variable was created from the two part question (number and unit) V6 using the conversion factors 365 days/year, 52 weeks/year, and 12 months/year.

HAV7R: Number of weeks lived at this address

This variable was created from the two part question (number and unit) V7 using the conversion factors 4.3 weeks/months and 52 weeks/year.

HAV10R: Country where lived longest

This recoded variable was derived from question V10. Responses were regrouped into three broad categories in order to maintain confidentiality of the survey participant.

HAV12R: In what state or country were you born?

This recoded variable was derived from question V12. Responses were regrouped into three broad categories in order to maintain confidentiality of the survey participant.

HAV13R: How long have you lived in the United States?

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

HAX1A: Have you taken any vitamins or minerals in the past month?

This variable is the response to a lead-in question for a series of questions on vitamins and mineral supplements. If the response was yes, then respondents were asked the number of supplements they took. For each supplement taken respondents were asked about how often the supplement was taken, the dosage, and duration of use. Analysts should be aware, however, that there were respondents who reported taking supplements, but did not answer some or all of the remaining questions about the supplements. Although the lead-in question was designed to determine whether respondents were using any vitamin or mineral supplements, respondents often reported taking other types of dietary supplements such as formula diets, sports drinks, herbs, products, amino acids, bee pollen, lipotropics, fish oils, and enzymes. This information was retained along with the vitamin/mineral supplements. However, since there were not probes for use of other vitamin/nonmineral dietary supplements, the frequency with which these products were reported can not be considered nationally representative. It should also be noted that all of the information from the section does not appear in this data file; additional variables including supplement formulations will be released as a separate data file.

HAX1B: Have you taken or used any prescription medicines in the past month?

This variable is the response to a lead-in question for a series of questions on prescription medicines. If the response was yes, then the respondents were asked the number of prescription medicines they took. For each prescription medicine the respondent was asked to describe the health problem for which they took the medicine, and how long they had been taking the medicine. Analysts should be aware, however, that there were respondents who reported taking prescription medicines, but were only able to answer some of the remaining prescription drug questions. Prescribed vitamin or mineral supplements (e.g., fluoride, iron, and prenatal vitamins) originally reported as prescription drugs were moved to the vitamin/mineral section. These could, in fact, be considered either a drug or a supplement (e.g. such as calcium-based antacid, calcitrol, and potassium. It should also be noted that all of the information from the section does not appear in this data file; additional variables including drug formulations will be released as a separate data file.

HAX1C: Have you taken antacids in the past month?

This variable is the response to a lead-in question for a series of questions on antacid use. If the response was yes, respondents were asked the number of antacids they took. For each antacid, respondents were asked how often it was taken, the dosage, and the duration of use. Antacids listed here are only those purchased over-the-counter. Prescription antacids were moved to the prescription medication section (HAX9-HAX12 variables). Some of these products are currently available without a prescription (e.g. "Zantac") but were available only by prescription at the time that the data were collected.

HAX2A: Number of vitamins or mineral supplements reported

This variable represents the total number of different supplements reported by the respondent. For each supplement, the interviewer asked to see the supplement container in order to record the name of the product and the manufacturer. If the container was not available, the interviewer probed for this information. Supplements that appear to be identical or duplications of another reported product are usually different forms (e.g., tablet vs. liquid) of the same product.

HAX2B: Number of prescription medicines reported

This variable represents the total number of different prescription medicines reported by the respondent. For each medication reported, the interviewer asked to see the medication container in order to record the name of the product. If the container was not available, the interviewer probed for this information. Reports of non-prescription drug use were deleted, or moved (as in the case of calcium-containing antacids). Medicines that appear to be identical or duplications of another reported product are usually different forms (e.g., tablet vs. liquid) of the same product.

HAX2C: Number of antacids reported

This variable represents the total number of different antacids reported by the respondent or proxy. For each antacid reported, the interviewer asked to see the container in order to record the name of the product. If the container was not available, the interviewer probed for this information.

HAX3CG, HAX3CH, HAX3CI, HAX3CJ, HAX3CK, HAX3CL, HAX3CM, HAX3CN, HAX3CO, HAX3CP, HAX3CQ, HAX3CR, HAX3CS, HAX3CT, HAX3CU, HAX3CV, HAX3CW :  
Certainty index codes for vitamin and mineral supplements

A certainty index was derived as a means of evaluating how closely the reported name of a dietary supplement matched a standard or brand name product which, in turn, was used for determining nutrient intakes. Each reported dietary supplement was assigned a certainty code. The index consists of six levels ranging from the highest degree of certainty that the reported supplement was correctly identified (code=1) to no level the lowest degree of certainty (code=6) , i.e., no match could be made between the reported supplement and a standard supplement. More specifically, the code of 1 was used when the respondent provided enough information about the product that it exactly matched a specific brand name supplement. A code of 2 was applied when the product name was partially incomplete or misspelled, but generally identifiable. A code of 3 was used for cases where a single nutrient supplement, such as calcium, was reported without the concentration. A code of 4 was applied when a generic type of supplement was reported such as "children's chewable multivitamins" or "iron vitamins" when it was not possible to identify the specific brand name or nutrient composition. A code of 5 was assigned to supplements that could not be readily

identified although they were thought to be dietary supplements such as "Shaklee vitamins" or "Diamite nutritional". A code of 6 was used for products that could not be identified but were assumed to be a dietary supplement.

HAX3DG, HAX3DH, HAX3DI, HAX3DJ, HAX3DK, HAX3DL, HAX3DM, HAX3DN, HAX3DO,  
HAX3DP, HAX3DQ, HAX3DR, HAX3DS, HAX3DT, HAX3DU, HAX3DV, HAX3DW:  
Product class for vitamin and mineral supplements

Each reported dietary supplement was categorized into one of 7 broad product-type classes according to general nutrient composition. The first five classes (1-5) were assigned only to vitamin and/or mineral supplements. The remaining two classes (6 and 7) were assigned to other dietary supplements including amino acids, lipotropics, herbs, plants and other nontraditional dietary supplements. Dietary supplements that also contained a vitamin and/or a mineral (e.g., ginseng and bee pollen with vitamin E) were assigned to class 6, whereas those that did not include vitamins or minerals were assigned to class 7.

HAX6SG, HAX6SH, HAX6SI, HAX6SJ, HAX6SK, HAX6SL, HAX6SM, HAX6SN, HAX6SO,  
HAX6SP, HAX6SQ, HAX6SR, HAX6ST, HAX6SU, HAX6SV, HAX6SW  
How often did you take supplement in the past month?

These variables were created for each reported dietary supplement from the two-part (number and unit) question X6, and indicate how frequently each supplement was taken in the past month. The conversion factors used for days and weeks were 30 and 4, respectively. While frequency of use was standardized to "month," new supplement users may have been taking the supplement for less than a month at the time of the interview. Analysts, therefore, may want to examine duration (HAX8S variables) as well as frequency of use.

HAX8SG, HAX8SH, HAX8SI, HAX8SJ, HAX8SK, HAX8SL, HAX8SM, HAX8SN, HAX8SO,  
HAX8SP, HAX8SQ, HAX8SR, HAX8SS, HAX8ST, HAX8SU, HAX8SV, HAX8SW:  
How long have you been taking this product? (months)

This variable was created from the two-part (number and unit) question X8, and indicates the long-term duration of use. The conversion factor was 12 months/year. When supplements were reported as prescription drugs and then moved as part of the data editing process (see note for variable HAX1A) much of the information was not directly transferable. For example, categories for duration of taking drugs (HAX12S variables) did not always match those listed for the corresponding question for vitamin/mineral supplements (HAX8S variables). Responses reported in weeks were rounded to the nearest month, whereas response in months and years were transferred directly.

HAX9DG, HAX9DH, HAX9DI, HAX9DJ, HAX9DK, HAX9DL, HAX9DM, HAX9DN, HAX9DO:  
HAX9DP, HAX9DQ, HAX9DR, HAX9DS, HAX9DT, HAX9DU, HAX9DV:  
Primary drug class code

Up to three drug class codes were assigned for each reported prescription medication. These 4-digit codes were supplied by the

Product Information Branch, Center for Drug Evaluation and Research at the U.S. DDHS Food and Drug Administration. The version of these codes that was used was last updated in October 1994. The primary drug class code assignment was based on the known drug action. For example, all cardiovascular drugs that were beta-adrenergic blocking agents were assigned the drug class code 0512 (beta blockers). See Appendix 3 for listing of codes.

HAX9EG, HAX9EH, HAX9EI, HAX9EJ, HAX9EK, HAX9EL, HAX9EM, HAX9EN, HAX9EO,  
HAX9EP, HAX9EQ, HAX9ER, HAX9ES, HAX9ET, HAX9EU, HAX9EV:  
Secondary drug class code

This variable contains the second drug class codes for each prescription drug reported. If the medical condition for which the medication was used (as reported in question X11) was different than the known drug action, then a secondary drug class code was entered. For example, a cardiovascular drug that was a beta-adrenergic blocking agent was assigned the drug class code 0512 (beta blocker) as the primary drug code, and a secondary drug class of 0502 (antiarrhythmic). If the reason provided did not relate to any of the known actions of the drug, then only the medication-specific (primary) class code was assigned. See Appendix 3 for listing of codes.

HAX9FG, HAX9FH, HAX9FI, HAX9FJ, HAX9FK, HAX9FL, HAX9FM, HAX9FN, HAX9FO,  
HAX9FP, HAX9FQ, HAX9FR, HAX9FS, HAX9FT, HAX9FU, HAX9FV:  
Tertiary drug class code

This variable contains the tertiary drug class codes for each prescription drug reported. If the medical condition for which the medication was used (as reported in question X11) was different than the primary drug class, then a secondary, and tertiary drug class code was entered. For example, a cardiovascular drug was assigned the drug class code 0512 (beta blocker) as the primary drug code, a secondary drug class code of 0502 (antiarrhythmics), and a tertiary code of 0506 (antihypertensives). If the reason provided did not relate to any of the actions of the drug, then only the medication-specific class code (primary) was assigned. See Appendix 3 for listing of codes.

HAX11AG, HAX11AH, HAX11AI, HAX11AJ, HAX11AK, HAX11AL, HAX11AM, HAX11AN,  
HAX11AO, HAX11AP, HAX11AQ, HAX11AR, HAX11AS, HAX11AT, HAX11AU, HAX11AV:  
ICD-9-CM code for prescription medicine

ICD-9-CM codes were used to classify the medical conditions reported in question X11 for each prescription drug reported. Conditions were coded to the fourth digit ICD-9-CM level of specificity except in those cases where the three digit ICD-9-CM code is the highest level of specificity. Some conditions where no appropriate code was available in the Classification of Diseases and Injuries ICD-9-CM codes, were coded using V Codes - Supplementary Classification of factors Influencing Health Status and Contact with Health Services. See Appendix 4 for listing of codes.

HAX12SG, HAX12SH, HAX12SI, HAX12SJ, HAX12SK, HAX12SL, HAX12SM, HAX12SN,  
HAX12SP, HAX12SQ, HAX12SR, HAX12SS, HAX12ST, HAX12SU, HAX12SV:

For how long have you been taking this medicine? (days)

This variable was created from the two-part (number and unit) question X12 using the conversion factors 7 days/week, 30 days/month and 365 days/year. Duration could not always be directly transferred for medicines originally reported as supplements and moved in the data editing process. This was because the duration response categories for supplement use (X8) did not match the corresponding response categories for prescription medicines (X12). A response of "less than one month" in X8 was changed to blank but applicable (8-fills) in X12 for medicines that were originally recorded as supplements.

HAX13AG, HAX13AH, HAX13AI, HAX13AJ: Antacid identification code

This variable was created to identify over-the-counter antacids. The coding scheme enabled responses to be classified at various levels of specificity, depending on the information provided by the respondent. The codes are for specific products, as well for incomplete trade names or more general responses. As necessary, data from the unit of measure question (X16) were used to aid in coding antacid responses. For example, Pepto Bismol is available in two liquid forms of the product (350 or 351), and in the tablet form (352). If the unit of measure specified tablets or pills then the product was coded as Pepto Bismol Tablets (352). Responses that were likely to be antacids but could not be further identified, and generic antacid products were all coded as "other antacids" (459).

HAX15SG, HAX15SH, HAX15SI, HAX15SJ: How often did you take this antacid in the past month?

This variable was created for each reported antacid from the two-part (number and unit) question X15, using the conversion factors used 30 days/month and 4 weeks/month.

HAX16AG, HAX16AH, HAX16AI, HAX16AJ: How much did you take of this antacid each time? (quantity)

This variable is the first part of a two-part question (X16) on the dosage for each reported antacid. It lists the amount taken. Amounts that were reported in ways that could not be measured, such as "as necessary" or "PRN", were 8-filled.

HAX16A1G, HAX16A1H, HAX16A1I, HAX16A1J: How much did you take of this antacid each time? (unit)

This variable is the second part of a two-part question (X16) on the dosage of the antacid taken. It lists the unit for the quantity reported for each antacid reported.

HAX17SG, HAX17SH, HAX17SI, HAX17SJ: How long have you been taking this antacid? (months)

This variable was created from the two-part (number and unit) question X17 using the conversion factors used were 30 days/month, 4 weeks/month, and 12 months/year. Responses of 5 and 6 weeks, or 10 weeks were rounded to one and two months, respectively.

HAX18D, HAX18E, HAX18F, HAX18G: Have you taken any other pain relief medicines in the past month?

Respondents were asked about other non-prescription pain relief medicines reported, other than aspirin, acetaminophen, and ibuprofen.

HAX18DB, HAX18EB, HAX18FB, HAX18GB: Product type code for other pain relief medicines

A product type code was created to classify pain relievers that were not aspirin, acetaminophen, and ibuprofen. Combinations of aspirin and acetaminophen (e.g. "Excedrin Extra Strength Tablets") were categorized as "Other ingested pain medications" (1). However, combinations of aspirin and caffeine (e.g. "Anacin"), and aspirin with a buffering agent (e.g. "Bufferin") were considered aspirin and moved to X18a. Pain relievers that were known to be available only by prescription (e.g. "Darvon") were moved to the prescription medication section (X9-X12). When reported in this section, "Alka Seltzer" was treated as a non-prescription pain relief medication since it was assumed that if it was reported here it was being used for pain relief.

HAX19AS: How often did you take aspirin in the past month?

This variable was created from the two-part (number and unit) question X19a using the conversion factors 30 days/month and 4 weeks/months.

HAX19BS: How often did you take acetaminophen in the past month?

This variable was created from the two-part (number and unit) question X19b using the conversion factors 30 days/month and 4 weeks/months.

HAX19CS: How often did you take ibuprofen in the past month?

This variable was created from the two-part (number and unit) question X19c using the conversion factors 30 days/month and 4 weeks/months.

HAX19DS, HAX19ES, HAX19FS, HAX19GS: How often did you take other pain relief medicine in the past month?

This variable was created from the two-part (number and unit) question X19 using the conversion factors 30 days/week and 4 weeks/month.

HAY10: Quality of interview

This variable is the interviewer's assessment of the reliability of interview. Interviewers determined if one or more section was possibly unreliable according to a number of factors including respondent identity (i.e. proxy v. sample person), mental competency of the respondent (or proxy), etc. Because there was no record of the sections that were possibly unreliable, all interviews were retained.

HAY11A-HAY11J: Observed characteristics of the sample person

Interviewers were asked to complete this question only if they observed the sample person or if the household proxy respondent they spoke with voluntarily told them about some specific characteristic of the sample person. They were told to use their best judgement. If the interviewer couldn't tell for sure, they marked "DK". For example, if they only observed a person in bed, they wouldn't know if the person used a cane, crutches, walker, or wheelchair ordinarily. If the sample person mentioned this information, the interviewer recorded the fact. In item i, "dressed in street clothes?", the interviewers differentiated between clothes worn to go to work, school, or to conduct errands or extracurricular activities versus those typically worn only in the home such as pajamas. In item k, "other physical characteristics", the interviewers were asked to only mention characteristics that were health-related, such as "limps", "has cold", "disoriented/cognitively impaired", etc.

HAZA5R: Radial pulse rate (beats per minute)

This variable is a 60-second pulse rate derived by multiplying the radial pulse count at 30 seconds by two.

HAZA7A, HAZA7B: Maximum inflation level (MIL) and second MIL

The MIL was obtained to determine the highest level to which the blood pressure cuff should be inflated. It should be 30 mm Hg higher than the point at which the radial pulse disappeared.

HAZA8AK5: K5 blood pressure measurement

Zero was considered a valid observation for diastolic (K5) measurements when pulse sounds continue to be heard down to 0 mm Hg.

HAZA8BK5: Second K5 blood pressure measurement

See note for HAZA8AK5.

HAZA8CK5: Third K5 blood pressure measurement

See note for HAZA8AK5.

HAZA8DK1: K1 fourth blood pressure measurements

A fourth systolic blood pressure measurement was taken only when the household interviewer failed to hear one of the previous three systolic measurements. A maximum of three valid, systolic measurements were included in the data file.

HAZA8DK5: K5 fourth blood pressure measurement

See note for HAZA8AK5. A fourth diastolic blood pressure measurement was taken only when the household interviewer failed to hear one of the previous three diastolic measurements. A maximum of three valid, diastolic measurements were included in the file.

HAZMKN1R: Mean K1 systolic blood pressure

This variable is the arithmetic mean of six or fewer K1 measurements obtained at the household interview (maximum of three) and the MEC examination (maximum of three). If the examinee did not have blood pressure measurements taken during the household interview, this variable should include blood pressure measurements taken at the MEC, if the examinee had a MEC examination. Since this variable is an arithmetic mean, it may include odd numbers. For additional information on blood pressure measurements, see NHANES III Examination Data File.

HAZMKN5R: Mean K5 diastolic blood pressure

This variable is the arithmetic mean of six or fewer K5 measurements obtained at the household interview (maximum of three) and the MEC examination (maximum of three). If the examinee did not have blood pressure measurements taken during the household interview, this variable includes blood pressure measurements taken at the MEC if the examinee had a MEC exam. Since this variable is an arithmetic mean, it may include odd numbers. The arithmetic mean was calculated using only K5 measurements greater than zero. Any K5 measurements of zero were set to missing when calculating the K5 arithmetic mean. For additional information on blood pressure measurements, see NHANES III Examination Data File.

Appendix 1

DMPFIPSR	State	DMPCNTYR	County
4	Arizona	13	Maricopa
6	California	1	Alameda
6	California	19	Fresno
6	California	37	Los Angeles
6	California	59	Orange
6	California	71	San Bernardino
6	California	73	San Diego
6	California	85	Santa Clara
6	California	111	Ventura
12	Florida	25	Dade
12	Florida	31	Duval
12	Florida	99	Palm Beach
17	Illinois	31	Cook
25	Massachusetts	17	Middlesex
26	Michigan	125	Oakland
26	Michigan	163	Wayne
29	Missouri	189	St Louis
36	New York	29	Erie
36	New York	47	Kings
36	New York	59	Nassau
36	New York	61	New York
36	New York	81	Queens
36	New York	119	Westchester
39	Ohio	35	Cuyahoga
39	Ohio	61	Hamilton
42	Pennsylvania	3	Allegheny
42	Pennsylvania	45	Delaware
42	Pennsylvania	101	Philadelphia
44	Rhode Island	7	Providence
48	Texas	29	Bexar
48	Texas	113	Dallas
48	Texas	141	El Paso
48	Texas	201	Harris
48	Texas	439	Tarrant
53	Washington	33	King

Appendix 2.

CODE	MET's	CATEGORY	ACTIVITY
01009	8.5	bicycling	bicycling, BMX or mountain
01010	4.0	bicycling	bicycling, <10 mph, general, leisure, to work
01020	6.0	bicycling	or for pleasure (T115) bicycling, 10-11.9 mph, leisure, slow, light effort
01030	8.0	bicycling	bicycling, 12-13.9 mph, leisure, moderate effort
01040	10.0	bicycling	bicycling, 14-15.9 mph, racing or leisure, fast, vigorous effort
01050	12.0	bicycling	bicycling, 16-19 mph, racing/not drafting or >19 mph drafting, very fast, racing general
01060	16.0	bicycling	bicycling, >20 mph, racing, not drafting
01070	5.0	bicycling	unicycling
02010	5.0	condit. exercise	bicycling, stationary, general
02011	3.0	condit. exercise	bicycling, stationary, 50 watts, very light effort
02012	5.5	condit. exercise	bicycling, stationary, 100 watts, light effort
02013	7.0	condit. exercise	bicycling, stationary, 150 watts, moderate effort
02014	10.5	condit. exercise	bicycling, stationary, 200 watts, vigorous effort
02015	12.5	condit. exercise	bicycling, stationary, 250 watts, very vigorous effort
02020	8.0	condit. exercise	calisthenics (e.g. pushups, pullups, situps) heavy, vigorous effort
02030	4.5	condit. exercise	calisthenics, home exercise, light or moderate effort, general T150) (example: back exercises), going up & down from floor
02040	8.0	condit. exercise	circuit training, general
02050	6.0	condit. exercise	weight lifting (free weight, nautilus or universal-type), power lifting or body building, vigorous effort (T 210)
02060	5.5	condit. exercise	health club exercise, general (T 160)
02065	6.0	condit. exercise	stair-treadmill ergometer, general

02070	9.5	condit. exercise	rowing, stationary ergometer, general
02071	3.5	condit. exercise	rowing, stationary, 50 watts, light effort
02072	7.0	condit. exercise	rowing, stationary, 100 watts, moderate effort
02073	8.5	condit. exercise	rowing, stationary, 150 watts, vigorous effort
02074	12.0	condit. exercise	rowing, stationary, 200 watts, very vigorous effort
02080	9.5	condit. exercise	ski machine, general
02090	6.0	condit. exercise	slimnastics
02100	4.0	condit. exercise	stretching, hatha yoga
02110	6.0	condit. exercise	teaching aerobic exercise class
02120	4.0	condit. exercise	water aerobics, water calisthenics
02130	3.0	condit. exercise	weight lifting (free, nautilus or universal-type), light or moderate effort, light workout, general
02135	1.0	condit. exercise	whirlpool, sitting
03010	6.0	dancing	aerobic, ballet or modern, twist
03015	6.0	dancing	aerobic, general
03020	5.0	dancing	aerobic, low impact
03021	7.0	dancing	aerobic, high impact
03025	4.5	dancing	general
03030	5.5	dancing	ballroom, fast (disco, folk, square) (T 125)
03040	3.0	dancing	ballroom, slow (e.g. waltz, foxtrot, slow dancing)
04001	4.0	fishing & hunting	fishing, general
04010	4.0	fishing & hunting	digging worms, with shovel
04020	5.0	fishing & hunting	fishing from river bank and walking
04030	2.5	fishing & hunting	fishing from boat, sitting
04040	3.5	fishing & hunting	fishing from river bank, standing (T 660)
04050	6.0	fishing & hunting	fishing in stream, in waders (T 670)
04060	2.0	fishing & hunting	fishing, ice, sitting
04070	2.5	fishing & hunting	hunting, bow and arrow or crossbow
04080	6.0	fishing & hunting	hunting, deer, elk, large game (T 710)
04090	2.5	fishing & hunting	hunting, duck, wading
04100	5.0	fishing & hunting	hunting, general
04110	6.0	fishing & hunting	hunting, pheasants or grouse (T 680)
04120	5.0	fishing & hunting	hunting, rabbit, squirrel, prairie chick, raccoon, small game

			(T 690)
04130	2.5	fishing & hunting	pistol shooting or trap shooting, standing
05010	2.5	home activities	carpet sweeping, sweeping floors
05020	4.5	home activities	cleaning, heavy or major (e.g. wash car, wash windows, mop, clean garage), vigorous effort
05030	3.5	home activities	cleaning, house or cabin, general
05040	2.5	home activities	cleaning, light (dusting, straightening up, vacuuming, changing linen, carrying out trash), moderate effort
05041	2.3	home activities	wash dishes - standing or in general (not broken into stand/walk components)
05042	2.3	home activities	wash dishes; clearing dishes from table - walking
05050	2.5	home activities	cooking or food preparation - standing or sitting or in general (not broken into stand/walk components)
05051	2.5	home activities	serving food, setting table - implied walking or standing
05052	2.5	home activities	cooking or food preparation - walking
05055	2.5	home activities	putting away groceries (e.g. carrying groceries, shopping without a grocery cart)
05056	8.0	home activities	carrying groceries upstairs
05060	3.5	home activities	food shopping, with grocery cart
05065	2.0	home activities	standing - shopping (non-grocery shopping)
05066	2.3	home activities	walking - shopping (non-grocery shopping)
05070	2.3	home activities	ironing
05080	1.5	home activities	sitting - knitting, sewing, lt. wrapping (presents)
05090	2.0	home activities	implied standing - laundry, fold or hang clothes, put clothes in washer or dryer, packing suitcase
05095	2.3	home activities	implied walking - putting away clothes, gathering clothes to pack, putting

05100	2.0	home activities	away laundry
05110	5.0	home activities	making bed
			maple syruping/sugar
			bushing (including
			carrying buckets,
			carrying wood)
05120	6.0	home activities	moving furniture,
			household
05130	5.5	home activities	scrubbing floors, on
			hands and knees
05140	4.0	home activities	sweeping garage, sidewalk
			or outside of house
05145	7.0	home activities	moving household items,
			carrying boxes
05146	3.5	home activities	standing -packing/unpacking boxes,
			occasional lifting of
			household items light -
			moderate effort
05147	3.0	home activities	implied walking - putting
			away household items -
			moderate effort
05150	9.0	home activities	move household items
			upstairs, carrying boxes
			or furniture
05160	2.5	home activities	standing - light (pump
			gas, change light bulb,
			etc.)
05165	3.0	home activities	walking - light, non-cleaning
			(readying to leave, shut/lock doors,
			close windows, etc.)
05170	2.5	home activities	sitting - playing with
			child(ren) - light
05171	2.8	home activities	standing - playing with
			child(ren) - light
05175	4.0	home activities	walk/run - playing with
			child(ren) - moderate
05180	5.0	home activities	walk/run - playing with
			child(ren) - vigorous
05185	3.0	home activities	child care:
			sitting/kneeling -
			dressing, bathing,
			grooming, feeding,
			occasional lifting of
			child-light effort
05186	3.5	home activities	child care: standing -
			dressing, bathing,
			grooming, feeding,
			occasional lifting of
			child-light effort
06010	3.0	home repair	airplane repair
06020	4.5	home repair	automobile body work
06030	3.0	home repair	automobile repair
06040	3.0	home repair	carpentry, general,
			workshop (T 620)
06050	6.0	home repair	carpentry, outside house
			(T 640), installing rain
			gutters

06060	4.5	home repair	carpentry, finishing or refinishing cabinets or furniture
06070	7.5	home repair	carpentry, sawing hardwood
06080	5.0	home repair	caulking, chinking log cabin
06090	4.5	home repair	caulking, except log cabin
06100	5.0	home repair	cleaning gutters
06110	5.0	home repair	excavating garage
06120	5.0	home repair	hanging storm windows
06130	4.5	home repair	laying or removing carpet
06140	4.5	home repair	laying tile or linoleum
06150	5.0	home repair	painting, outside house (T 650)
06160	4.5	home repair	painting, papering, plastering, scraping, inside house, hanging sheet rock, remodeling (T 630)
06170	3.0	home repair	put on and removal of tarp - sailboat
06180	6.0	home repair	roofing
06190	4.5	home repair	sanding floors with a power sander
06200	4.5	home repair	scrape and paint sailboat or powerboat
06210	5.0	home repair	spreading dirt with a shovel
06220	4.5	home repair	wash and wax hull of sailboat, car, powerboat, airplane
06230	4.5	home repair	washing fence
06240	3.0	home repair	wiring, plumbing
07010	0.9	inactivity, quiet	lying quietly, reclining (watch television), lying quietly in bed - awake
07020	1.0	inactivity, quiet	sitting quietly (riding in a car, listening to a lecture or music, watch television or a movie)
07030	0.9	inactivity, quiet	sleeping
07040	1.2	inactivity, quiet	standing quietly (standing in a line)
07050	1.0	inactivity, light	recline - writing
07060	1.0	inactivity, light	recline - talking or talking on phone
07070	1.0	inactivity, light	recline - reading
08010	5.0	lawn and garden	carrying, loading or stacking wood, loading/unloading or carrying lumber
08020	6.0	lawn and garden	chopping wood, splitting logs
08030	5.0	lawn and garden	clearing land, hauling

08040	5.0	lawn and garden	branches
08050	5.0	lawn and garden	digging sandbox
08060	6.0	lawn and garden	digging, spading, filling garden (T 590)
08080	5.0	lawn and garden	gardening with heavy power tools, tilling a garden (see occupation, shoveling)
08090	5.0	lawn and garden	laying crushed rock
08095	5.5	lawn and garden	laying sod
08100	2.5	lawn and garden	mowing lawn, general
08110	6.0	lawn and garden	mowing lawn, riding mower (T 550)
08120	4.5	lawn and garden	mowing lawn, walk, hand mower (T 570)
08130	4.5	lawn and garden	mowing lawn, walk, power mower (T 590)
08140	4.0	lawn and garden	operating snow blower, walking
08150	4.5	lawn and garden	planting seedlings, shrubs
08160	4.0	lawn and garden	planting trees
08170	4.0	lawn and garden	raking lawn (T 600)
08180	3.0	lawn and garden	raking roof with now rake
08190	4.0	lawn and garden	riding snow blower
08200	6.0	lawn and garden	sacking grass, leaves
08210	4.5	lawn and garden	shoveling, snow, by hand (T 610)
08215	3.5	lawn and garden	trimming shrubs or trees, manual cutter
08220	2.5	lawn and garden	trimming shrubs or trees, power cutter
08230	1.5	lawn and garden	walking, applying fertilizer or seeding a lawn
08240	4.5	lawn and garden	watering lawn or garden, standing or walking
08245	5.0	lawn and garden	weeding, cultivating garden (T 580)
08250	3.0	lawn and garden	gardening, general
09010	1.5	miscellaneous	implied walking/standing - picking up yard, light sitting - card playing, playing board games
09020	2.0	miscellaneous	standing - drawing (writing), casino gambling
09030	1.3	miscellaneous	sitting - reading, book, newspaper, etc.
09040	1.8	miscellaneous	sitting - writing, desk work
09050	1.8	miscellaneous	standing - talking or talking on the phone
09055	1.5	miscellaneous	sitting - talking or talking on the phone
09060	1.8	miscellaneous	sitting - studying,

09065	1.8	miscellaneous	general, including reading and/or writing sitting - in class, general, including note-taking or class discussion
09070	1.8	miscellaneous	standing - reading
10010	1.8	music playing	accordion
10020	2.0	music playing	cello
10030	2.5	music playing	conducting
10040	4.0	music playing	drums
10050	2.0	music playing	flute (sitting)
10060	2.0	music playing	horn
10070	2.5	music playing	piano or organ
10080	3.5	music playing	trombone
10090	2.5	music playing	trumpet
10100	2.5	music playing	violin
10110	2.0	music playing	woodwind
10120	2.0	music playing	guitar, classical, folk (sitting)
10125	3.0	music playing	guitar, rock and roll band (standing)
10130	4.0	music playing	marching band, playing an instrument, baton twirling (walking)
10135	3.5	music playing	marching band, drum major (walking)
11010	4.0	occupation	bakery, general
11020	2.3	occupation	bookbinding
11030	6.0	occupation	building road (including hauling debris, driving heavy machinery)
11035	2.0	occupation	building road, directing traffic (standing)
11040	3.5	occupation	carpentry, general
11050	8.0	occupation	carrying heavy loads, such as bricks
11060	8.0	occupation	carrying moderate loads up stairs, moving boxes (16-40 pounds)
11070	2.5	occupation	chambermaid
11080	6.5	occupation	coal mining, drilling coal, rock
11090	6.5	occupation	coal mining, erecting supports
11100	6.0	occupation	coal mining, general
11110	7.0	occupation	coal mining, shoveling coal
11120	5.5	occupation	construction, outside, remodeling
11130	3.5	occupation	electrical work, plumbing
11140	8.0	occupation	farming, baling hay, cleaning barn, poultry work
11150	3.5	occupation	farming, chasing cattle, non-strenuous
11160	2.5	occupation	farming, driving harvester

11170	2.5	occupation	farming, driving tractor
11180	4.0	occupation	farming, feeding small animals
11190	4.5	occupation	farming, feeding cattle
11200	8.0	occupation	farming, forking straw bales
11210	3.0	occupation	farming, milking by hand
11220	1.5	occupation	farming, milking by machine
11230	5.5	occupation	farming, shoveling grain
11235	12.0	occupation	fire fighter, general
11240	11.0	occupation	fire fighter, climbing ladder with full gear
11246	8.0	occupation	fire fighter, hauling hoses on ground
11250	17.0	occupation	forestry, ax chopping, fast
11260	5.0	occupation	forestry, ax chopping, slow
11270	7.0	occupation	forestry, barking trees
11280	11.0	occupation	forestry, carrying logs
11290	8.0	occupation	forestry, felling trees
11300	8.0	occupation	forestry, general
11310	5.0	occupation	forestry, hoeing
11320	6.0	occupation	forestry, planting by hand
11330	7.0	occupation	forestry, sawing by hand
11340	4.5	occupation	forestry, sawing, power
11350	9.0	occupation	forestry, trimming trees
11360	4.0	occupation	forestry, weeding
11370	4.5	occupation	furriery
11380	6.0	occupation	horse grooming
11390	8.0	occupation	horse racing, galloping
11400	6.5	occupation	horse racing, trotting
11410	2.6	occupation	horse racing, walking
11420	3.5	occupation	locksmith
11430	2.5	occupation	machine tooling, machining, working sheet metal
11440	3.0	occupation	machine tooling, operating lathe
11450	5.0	occupation	machine tooling, operating punch press
11460	4.0	occupation	machine tooling, tapping and drilling
11470	3.0	occupation	machine tooling, welding
11480	7.0	occupation	masonry, concrete
11485	4.0	occupation	masseur, masseuse (standing)
11490	7.0	occupation	moving, pushing heavy objects, 75 lbs or more (desks, moving van work)
11500	2.5	occupation	operating heavy duty equipment/automated, not driving
11510	4.5	occupation	orange grove work
11520	2.3	occupation	printing (standing)

11525	2.5	occupation	police, directing traffic (standing)
11526	2.0	occupation	police, driving a squad car (sitting)
11527	1.3	occupation	police, riding in a squad car (sitting)
11528	8.0	occupation	police, making an arrest (standing)
11530	2.5	occupation	shoe repair, general
11540	8.5	occupation	shoveling, digging ditches
11550	9.0	occupation	shoveling, heavy (more than 16 pounds/minute)
11560	6.0	occupation	shoveling, light (less than 10 pounds/minute)
11570	7.0	occupation	shoveling, moderate (10 to 15 pounds/minute)
11580	1.5	occupation	sitting - light office work, in general (chemistry lab work, lt. use of hand tools, watch repair or micro-assembly, lt. assembly/repair)
11585	1.5	occupation	sitting - meetings, general, and/or with talking involved
11590	2.5	occupation	sitting; moderate (heavy levers, riding mower/forklift, crane operation)
11600	2.5	occupation	standing; light (bartending, store clerk, assembling, filing, xeroxing, put up Christmas tree)
11610	3.0	occupation	standing; light/moderate (assemble/repair heavy parts, welding, stocking, auto repair, pack boxes for moving, etc.), patient care (as in nursing)
11620	3.5	occupation	standing; moderate (assembling at fast rate, lifting 50 lbs, hitch/twisting ropes)
11630	4.0	occupation	standing; moderate/heavy (lifting more than 50 lb, masonry, painting, paper hanging)
11640	5.0	occupation	steel mill, fettling
11650	5.5	occupation	steel mill, forging
11660	8.0	occupation	steel mill, hand rolling
11670	8.0	occupation	steel mill, merchant mill rolling
11680	11.0	occupation	steel mill, removing slag
11690	7.5	occupation	steel mill, tending

			furnace
11700	5.5	occupation	steel mill, tipping molds
11710	8.0	occupation	steel mill, working in general
11720	2.5	occupation	tailoring, cutting
11730	2.5	occupation	tailoring, general
11740	2.0	occupation	tailoring, hand sewing
11750	2.5	occupation	tailoring, machine sewing
11760	4.0	occupation	tailoring, pressing
11766	6.5	occupation	truck driving, loading and unloading truck (standing)
11770	1.5	occupation	typing, electric, manual or computer
11780	6.0	occupation	using heavy power tools such as pneumatic tools (jack hammers, drills, etc.)
11790	8.0	occupation	using heavy tools (not power) such as shovel, pick, tunnel bar, spade
11791	2.0	occupation	walking on job, less than 2.0 mph(in office or lab area), very slow
11792	3.5	occupation	walking on job, 3.0 mph, in office, moderate speed, not carrying anything
11793	4.0	occupation	walking on job, 3.5 mph, in office, brisk speed, not carrying anything
11795	3.0	occupation	walking, 2.5 mph, slowly and carrying light objects less than 25 pounds
11800	4.0	occupation	walking, 3.0 mph, moderately and carrying light objects less than 25 pounds
11810	4.5	occupation	walking, 3.5 mph, briskly and carrying objects less than 25 pounds
11820	5.0	occupation	walking or walk downstairs or standing, carrying objects about 25 to 49 pounds
11830	6.5	occupation	walking or walk downstairs or standing, carrying objects about 50 to 74 pounds
11840	7.5	occupation	walking or walk downstairs or standing, carrying objects about 75 to 99 pounds
11850	8.5	occupation	walking or walk downstairs or standing, carrying objects about

11870	3.0	occupation	100 pounds and over working in scene shop, theater actor, backstage employee
12010	6.0	running	jog/walk combination (jogging component of less than 10 min.)(T180)
12020	7.0	running	jogging, general
12030	8.0	running	running, 5 mph (12 min/mile)
12040	9.0	running	running, 5.2 mph (11.5 min/mile)
12050	10.0	running	running, 6 mph (10 minutes/mile)
12060	11.0	running	running, 6.7 mph (9 min/mile)
12070	11.5	running	running, 7 mph (8.5 minutes/mile)
12080	12.5	running	running, 7.5 mph (8 min/mile)
12090	13.5	running	running, 8 mph (7.5 minutes/mile)
12100	14.0	running	running, 8.6 mph (7 min/mile)
12110	15.0	running	running, 9 mph (6.5 minutes/mile)
12120	16.0	running	running, 10 mph (6 minutes/mile)
12130	18.0	running	running, 10.9 mph (5.5 min/mile)
12140	9.0	running	running, cross country
12150	8.0	running	running, general (T 200)
12160	8.0	running	running, in place
12170	15.0	running	running, stairs, up
12180	10.0	running	running, on a track, team practice
12190	8.0	running	running, training, pushing wheelchair, marathon wheeling
12195	3.0	running	running, wheeling, general
13000	2.5	self care	standing - getting ready for bed, in general
13009	1.0	self care	sitting on toilet
13010	2.0	self care	bathing (sitting)
13020	2.5	self care	dressing, undressing (standing or sitting)
13030	1.5	self care	eating (sitting)
13035	2.0	self care	talking and eating or eating only (standing)
13040	2.5	self care	sitting or standing - grooming (washing, shaving, brushing teeth, urinating, washing hands, put on make-up)
13050	4.0	self care	showering, toweling off (standing)

14010	1.5	sexual activity	active, vigorous effort
14020	1.3	sexual activity	general, moderate effort
14030	1.0	sexual activity	passive, light effort, kissing, hugging
15010	3.5	sports	archery (non-hunting)
15020	7.0	sports	badminton, competitive (T 450)
15030	4.5	sports	badminton, social singles and doubles, general
15040	8.0	sports	basketball, game (T 490)
15050	6.0	sports	basketball, non- name, general (T 480)
15060	7.0	sports	basketball, officiating (T 500)
15070	4.5	sports	basketball, shooting baskets
15075	6.5	sports	basketball, wheelchair
15080	2.5	sports	billiards
15090	3.0	sports	bowling (T 390)
15100	12.0	sports	boxing, in ring, general
15110	6.0	sports	boxing, punching bag
15120	9.0	sports	boxing, sparring
15130	7.0	sports	broomball
15135	5.0	sports	children's games (hopscotch, 4-square, dodge ball, playground apparatus, t-ball, tetherball, marbles, jacks, arcade games)
15140	4.0	sports	coaching: football, soccer, basketball, baseball, swimming, etc.
15150	5.0	sports	cricket (batting, bowling)
15160	2.5	sports	croquet
15170	4.0	sports	curling
15180	2.5	sports	darts, wall or lawn
15190	6.0	sports	drag racing, pushing or driving a car
15200	6.0	sports	fencing
15210	9.0	sports	football, competitive
15230	8.0	sports	football, touch, flag, general (T 510)
15235	2.5	sports	football or baseball, playing catch
15240	3.0	sports	frisbee playing, general
15250	3.5	sports	frisbee, ultimate
15255	4.5	sports	golf, general
15260	5.5	sports	golf, carrying clubs (T 090)
15270	3.0	sports	golf, miniature, driving range
15280	5.0	sports	golf, pulling clubs (T 080)
15290	3.5	sports	golf, using power cart (T 070)
15300	4.0	sports	gymnastics, general

15310	4.0	sports	hacky sack
15320	12.0	sports	handball, general (T 520)
15330	8.0	sports	handball, team
15340	3.5	sports	hang gliding
15350	8.0	sports	hockey, field
15360	8.0	sports	hockey, ice
15370	4.0	sports	horseback riding, general
15380	3.5	sports	horseback riding, saddling horse
15390	6.5	sports	horseback riding, trotting
15400	2.5	sports	horseback riding, walking
15410	3.0	sports	horseshoe pitching, quoits
15420	12.0	sports	jai alai
15430	10.0	sports	judo, jujitsu, karate, kick boxing, tae kwan do
15440	4.0	sports	juggling
15450	7.0	sports	kickball
15460	8.0	sports	lacrosse
15470	4.0	sports	moto-cross
15480	9.0	sports	orienteering
15490	10.0	sports	paddleball, competitive
15500	6.0	sports	paddleball, casual, general (T 460)
15510	8.0	sports	polo
15520	10.0	sports	racquetball, competitive
15530	7.0	sports	racquetball, casual, general (T 470)
15535	11.0	sports	rock climbing, ascending rock
15540	8.0	sports	rock climbing, rapelling
15550	12.0	sports	rope jumping, fast
15551	10.0	sports	rope jumping, moderate, general
15552	8.0	sports	rope jumping, slow
15560	10.0	sports	rugby
15570	3.0	sports	shuffleboard, lawn bowling
15580	5.0	sports	skateboarding
15590	7.0	sports	skating, roller (T 360)
15600	3.5	sports	sky diving
15605	10.0	sports	soccer, competitive
15610	7.0	sports	soccer, casual, general (T 540)
15620	5.0	sports	softball or baseball, fast or slow pitch, general (T 440)
15630	4.0	sports	softball, officiating
15640	6.0	sports	softball, pitching
15650	12.0	sports	squash (T 530)
15660	4.0	sports	table tennis, ping pong (T 410)
15670	4.0	sports	tai chi
15675	7.0	sports	tennis, general
15680	6.0	sports	tennis, doubles (T 430)
15690	8.0	sports	tennis, singles (T 420)

15700	3.5	sports	trampoline
15710	4.0	sports	volleyball, competitive, in gymnasium (T 400)
15720	3.0	sports	volleyball, non competitive; 6-9 member team, general
15725	8.0	sports	volleyball, beach
15730	6.0	sports	wrestling (one match = 5 minutes)
15731	7.0	sports	wallyball, general
16010	2.0	transportation	automobile or light truck (not a semi) driving
16020	2.0	transportation	flying airplane
16030	2.5	transportation	motor scooter, motor cycle
16040	6.0	transportation	pushing plane in and out of hangar
16050	3.0	transportation	driving heavy truck, tractor, bus
17010	7.0	walking	backpacking, general (T 050)
17020	3.5	walking	carrying infant or 15 pound load (e.g. suitcase), level ground or downstairs
17025	9.0	walking	carrying load upstairs, general
17026	5.0	walking	carrying 1 to 15 lb load, upstairs
17027	6.0	walking	carrying 16 to 24 lb load, upstairs
17028	8.0	walking	carrying 25 to 49 lb load, upstairs
17029	10.0	walking	carrying 50 to 74 lb load, upstairs
17030	12.0	walking	carrying 74+ lb load, upstairs
17035	7.0	walking	climbing hills with 0 to 9 pound load
17040	7.5	walking	climbing hills with 10 to 20 pound load
17050	8.0	walking	climbing hills with 21 to 42 pound load
17060	9.0	walking	climbing hills with 42+ pound load
17070	3.0	walking	downstairs
17080	6.0	walking	hiking, cross country (T 040)
17090	6.5	walking	marching, rapidly, military
17100	2.5	walking	pushing or pulling stroller with child
17110	6.5	walking	race walking
17120	8.0	walking	rock or mountain climbing (T 060)
17130	8.0	walking	up stairs, using or climbing up ladder

			(T 030)
17140	4.0	walking	using crutches
17150	2.0	walking	walking, less than 2.0 mph, level ground, strolling, household
17160	2.5	walking	walking, 2.0 mph, level, slow pace, firm surface
17170	3.0	walking	walking, 2.5 mph, firm surface
17180	3.0	walking	walking, 2.5 mph, downhill
17190	3.5	walking	walking, 3.0 mph, level, moderate pace, firm surface
17200	4.0	walking	walking, 3.5 mph, level, brisk, firm surface
17210	6.0	walking	walking, 3.5 mph, uphill
17220	4.0	walking	walking, 4.0 mph, level, firm surface, very brisk pace
17230	4.5	walking	walking, 4.5 mph, level, firm surface, very, very brisk
17250	3.5	walking	walking, for pleasure, work break, walking the dog (T 020)
17260	5.0	walking	walking, grass track
17270	4.0	walking	walking, to work or class (T 015)
18010	2.5	water activities	boating, power
18020	4.0	water activities	canoeing, on camping trip (T 270)
18030	7.0	water activities	canoeing, portaging
18040	3.0	water activities	canoeing, rowing, 2.0-3.9 mph, light effort
18050	7.0	water activities	canoeing, rowing, 4.0-5.9 mph, moderate effort
18060	12.0	water activities	canoeing, rowing, >6 mph, vigorous effort
18070	3.5	water activities	canoeing, rowing, for pleasure, general (T 250)
18080	12.0	water activities	canoeing, rowing, in competition, or crew or sculling (T 260)
18090	3.0	water activities	diving, springboard or platform
18100	5.0	water activities	kayaking
18110	4.0	water activities	paddle boat
18120	3.0	water activities	sailing, boat and board sailing, windsurfing, ice sailing, general (T235)
18130	5.0	water activities	sailing, in competition
18140	3.0	water activities	sailing, sunfish/laser/hobby cat, keel boats, ocean sailing, yachting
18150	6.0	water activities	skiing, water (T 220)

18160	7.0	water activities	skimobiling
18170	12.0	water activities	skindiving or scuba diving as frogman
18180	16.0	water activities	skindiving, fast
18190	12.5	water activities	skindiving, moderate
18200	7.0	water activities	skindiving, scuba diving, general (T 310)
18210	5.0	water activities	snorkeling (T 320)
18220	3.0	water activities	surfing, body or board
18230	10.0	water activities	swimming laps, freestyle, fast, vigorous effort
18240	8.0	water activities	swimming laps, freestyle, slow, moderate or light effort
18250	8.0	water activities	swimming, backstroke, general
18260	10.0	water activities	swimming, breaststroke, general
18270	11.0	water activities	swimming, butterfly, general
18280	11.0	water activities	swimming, crawl, fast (75 yards/minute), vigorous effort
18290	8.0	water activities	swimming, crawl, slow (50 yards/minute), moderate or light effort
18300	6.0	water activities	swimming, lake, ocean, river (T 280, 295)
18310	6.0	water activities	swimming, leisurely, not lap swimming, general
18320	8.0	water activities	swimming, sidestroke, general
18330	8.0	water activities	swimming, synchronized
18340	10.0	water activities	swimming, treading water, fast vigorous effort
18350	4.0	water activities	swimming, treading water, moderate effort, general
18360	10.0	water activities	water polo
18365	3.0	water activities	water volleyball
18370	5.0	water activities	white water rafting, kayaking, or canoeing
19010	6.0	winter activities	moving ice house (set up/drill holes, etc.)
19020	5.5	winter activities	skating, ice, 9 mph or less
19030	7.0	winter activities	skating, ice, general (T 360)
19040	9.0	winter activities	skating, ice, rapidly, more than 9 mph
19050	15.0	winter activities	skating, speed, competitive
19060	7.0	winter activities	ski jumping (climb up carrying skis)
19075	7.0	winter activities	skiing, general
19080	7.0	winter activities	skiing, cross country, 2.5 mph, slow or light effort, ski walking

19090	8.0	winter activities	skiing, cross country, 4.0-4.9 mph, moderate speed and effort, general
19100	9.0	winter activities	skiing, cross country, 5.0-7.9 mph, brisk speed, vigorous effort
19110	14.0	winter activities	skiing, cross country, >8.0 mph, racing
19130	16.5	winter activities	skiing, cross country, hard snow, uphill, maximum
19150	5.0	winter activities	skiing, downhill, light effort
19160	6.0	winter activities	skiing, downhill, moderate effort, general
19170	8.0	winter activities	skiing, downhill, vigorous effort, racing
19180	7.0	winter activities	sledding, tobogganing, bobsledding, luge (T 370)
19190	8.0	winter activities	snow shoeing
19200	3.5	winter activities	snowmobiling

Appendix 3

CODE	DRUG CLASS DESCRIPTION
0100	ANESTHETICS
0117	ANESTHETICS, LOCAL
0118	ANESTHETICS, GENERAL
0119	ANESTHESIA, ADJUNCTS TO/ANAESTHETICS
0120	MEDICINAL GASES
0121	ANESTHETICS, TOPICAL
0122	ANESTHETICS, OPHTHALMIC
0123	ANESTHETICS, RECTAL
0200	ANTIDOTES
0281	ANTIDOTES, SPECIFIC
0283	ANTIDOTES, GENERAL
0285	ANTITOXINS/ANTIVENINS
0286	ANAPHYLAXIS TREATMENT KIT
0300	ANTIMICROBIALS
0346	PENICILLINS
0347	CEPHALOSPORINS
0348	LINCOSAMIDES/MACROLIDES
0349	POLYMYXINS
0350	TETRACYCLINE
0351	CHLORAMPHENICOL/DERIVATIVES
0352	AMINOGLYCOSIDES
0353	SULFONAMIDES/RELATED COMPOUNDS
0354	ANTISEPTICS, URINARY TRACT
0355	ANTIBACTERIALS, MISCELLANEOUS
0356	ANTIMYCOBACTERIALS (INCL ANTI LEPROSY)
0357	QUINOLONES/DERIVATIVES
0358	ANTIFUNGALS
0388	ANTIVIRALS
0400	HEMATOLOGICS
0408	DEFICIENCY ANEMIAS
0409	ANTICOAGULANTS/THROMBOLYTICS
0410	BLOOD COMPONENTS/SUBSTITUTES
0411	HEMOSTATICS
0500	CARDIOVASCULAR-RENAL
0501	CARDIAC GLYCOSIDES
0502	ANTIARRHYTHMICS
0503	ANTIANGINALS
0504	VASCULAR DISORDERS, CEREBRAL/PERIPHERAL
0505	HYPOTENSION/SHOCK
0506	ANTIHYPERTENSIVES
0507	DIURETICS
0508	CORONARY VASODILATORS
0509	RELAXANTS/STIMULANTS, URINARY TRACT
0510	CALCIUM CHANNEL BLOCKERS
0511	CARBONIC ANHYDRASE INHIBITORS
0512	BETA BLOCKERS
0513	ALPHA AGONISTS/ALPHA BLOCKERS
0514	ACE INHIBITORS
0600	CENTRAL NERVOUS SYSTEM

Appendix 3 continued

CODE	DRUG CLASS DESCRIPTION
0626	SEDATIVES/HYPNOTICS
0627	ANTIANKXIETY
0628	ANTIPSYCHOTICS/ANTIMANICS
0630	ANTIDEPRESSANTS
0631	ANOREXIANTS/CNS STIMULANTS
0632	CNS, MISCELLANEOUS
0633	ALZHEIMER-TYPE DEMENTIA
0634	SLEEP AID PRODUCTS, PRIMARY OTC
0635	ANTIEMETICS
0700	CONTRAST MEDIA/ RADIOPHARMACEUTICALS
0789	DIAGNOSTICS, RADIOPAQUE & NONRADIOACTIVE
0790	DIAGNOSTICS RADIOPHARMACEUTICALS
0791	THERAPEUTICS RADIOPHARMACEUTICALS
0792	DIAGNOSTICS-MISC.
0800	GASTROINTESTINALS
0874	DISORDERS, ACID/PEPTIC
0875	ANTIDIARRHEALS
0876	LAXATIVES
0877	GASTROINTESTINAL, MISCELLANEOUS
0878	ANTISPASMODICS/ANTICHOLINERGICS
0879	ANTACIDS
0900	METABOLICS/NUTRIENTS
0912	HYPERLIPIDEMIA
0913	VITAMINS/MINERALS
0914	NUTRITION, ENTERAL/PARENTERAL
0915	REPL/REGS OF ELECTROLYTES/WATER BALANCE
0916	CALCIUM METABOLISM
0917	HEMATOPOIETICS
1000	HORMONES/HORMONAL MECHANISMS
1032	ADRENAL CORTICOSTEROIDS
1033	ADROGENS/ANABOLIC STEROIDS
1034	ESTROGENS/PROGESTINS
1035	ANTERIOR PITUITARY/HYPOTHALMIC FUNCTION
1036	BLOOD GLUCOSE REGULATORS
1037	THYROID/ANTITHYROID
1038	ANTIDIURETICS
1039	RELAXANTS/STIMULANTS, UTERINE
1040	CONTRACEPTIVES
1041	INFERTILITY
1042	DISORDERS OF GROWTH HORMONE SECRETION
1100	IMMUNOLOGICS
1180	VACCINES/ANTISERA
1181	IMMUNOMODULATORS
1182	ALLERGENIC EXTRACTS
1183	IMMUNE SERUMS (INCLUDES IMMUNE GLOBULINS)
1200	SKIN/MUCOUS MEMBRANES
1264	ANTISEPTICS/DISINFECTANTS
1265	DERMATOLOGICS
1266	KERATOLYTICS

Appendix 3 continued

CODE	DRUG CLASS DESCRIPTION
1267	ANTIPERSPIRANTS
1268	TOPICAL STEROIDS
1269	BURN/SUNBURN, SUNSCREEN
1270	ACNE PRODUCTS
1271	TOPICAL ANTI-INFECTIVES
1272	ANORECTAL PRODUCTS
1273	PERSONAL CARE PRODUCTS
1274	DERMATITIS/ANTIPURETICS
1275	TOPICAL ANALGESICS
1300	NEUROLOGICS
1371	EXTRAPYRAMIDAL MOVEMENT DISORDERS
1372	MYASTHENIA GRAVIS
1373	SKELETAL MUSCLE HYPERACTIVITY
1374	ANTICONVULSANTS
1400	ONCOLYTICS
1479	ANTINEOPLASTICS
1480	ANTINEOPLASTICS-HORMONAL/BIOLOGICAL RESPONSE
1481	ANTINEOPLASTICS-ANTIMETABOLITES
1482	ANTINEOPLASTIC AGENTS
1483	ANTINEOPLASTICS-DNA DAMAGING AGENTS
1500	OPHTHALMICS
1566	GLAUCOMA
1567	CYCOPLEGICS/MYDRIATICS
1568	OCULAR ANTI-INFECTIVE/ANTI-INFLAMMATORY
1569	OPHTHALMICS, MISCELLANEOUS
1570	OPHTHALMICS-DECONGESTANTS/ANTI-ALLERGY AGENTS
1571	CONTACT LENS PRODUCTS
1600	OTICS
1670	OTICS, TOPICAL
1671	VERTIGO/MOTION SICKNESS/VOMITING
1700	RELIEF OF PAIN
1720	ANALGESICS, GENERAL
1721	ANALGESICS, NARCOTIC
1722	ANALGESICS, NON-NARCOTIC
1723	ANTIMIGRAINE/OTHER MEADACHES
1724	ANTIARTHRITICS
1725	ANTIGOUT
1726	CENTRAL PAIN SYNDROMES
1727	NSAID-NONSTEROIDAL ANTI-INFLAMMATORY DRUGS
1728	ANTIPYRETICS
1729	MENSTRUAL PRODUCTS
1800	ANTIPARASITICS
1860	ANTIPROTOZOALS
1862	ANTHELMINTICS
1863	SCABICIDES/PEDICULICIDES
1864	ANTIMALARIALS
1900	RESPIRATORY TRACT
1940	ANTIASTHMATICS/BRONCODILATORS
1941	NASAL DECONGESTANTS

Appendix 3 continued

CODE	DRUG CLASS DESCRIPTION
1943	ANTITUSSIVES/EXPECTORANTS/MUCOLITICS
1944	ANTIHIAMINES
1945	COLD REMEDIES
1946	LOZENGE PRODUCTS
1947	CORTICOSTEROIDS-INHALATION/NASAL
2000	OTHER
2087	QUESTION OF USE
2095	PHARMACEUTICAL AIDS
2096	SURGICAL AIDS
2097	DENTAL PREPARATIONS
2098	DENTRIFICE/DENTURE PRODUCTS
2099	MOUTH PAIN, COLD SORE, CANKER SORE PRODUCTS
2100	HOMEOPATHIC PRODUCTS
9900	NO CLASS ASSIGNED
9998	MULTIPLE USES OF DRUG

Appendix 4

ICD-9-CM	
Code	Description
=====	=====
V01.1	Contact with or exposure to tuberculosis
V07.31	Prophylactic fluoride administration
V07.9	Unspecified prophylactic measure
V15.0	Personal history of allergy, other than medicinal agents
V25.9	Encounter for unspecified contraceptive management
V26.2	Procreative management, investigation and testing
V40.9	Unspecified mental or behavioral problem
003.9	Salmonella infection, unspecified
005.9	Food poisoning, unspecified
008.8	Enteritis due to other organism, not elsewhere classified
011.9	Pulmonary tuberculosis, unspecified
033.9	Whooping cough, unspecified organism
034.0	Streptococcal sore throat
034.1	Scarlet fever
038.9	Unspecified septicemia
041.0	Streptococcus, unspecified bacterial infection
041.1	Staphylococcus bacterial infection, unspecified
052.9	Varicella without mention of complication
053.9	Herpes zoster without mention of complication
054.9	Herpes simplex without mention of complication
075	Infectious mononucleosis
078.1	Viral warts, unspecified
079.9	Unspecified viral and chlamydial infections
110.0	Dermatophytosis of scalp and beard
110.9	Dermatophytosis of unspecified site
112.0	Candidiasis of mouth
112.9	Candidiasis of unspecified site
117.9	Other and unspecified mycoses
126.9	Ancylostomiasis and necatoriasis, unspecified
127.4	Enterobiasis
128.9	Helminth infection, unspecified
133.0	Scabies
136.9	Unspecified infectious and parasitic diseases
244.9	Unspecified hypothyroidism
246.9	Unspecified disorder of thyroid
250.0	Diabetes mellitus without mention of complication, type II
253.9	Unspecified disorders of pituitary gland
276.6	Fluid overload
276.9	Electrolyte and fluid disorders not elsewhere classified
277.0	Cystic fibrosis without mention of meconium ileus
279.2	Combined immunity deficiency
282.6	Sickle-cell anemia, unspecified
285.9	Anemia, unspecified
286.9	Other and unspecified coagulation defects
300.0	Anxiety state, unspecified
300.9	Unspecified neurotic disorder
307.23	Gilles de la Tourette's disorder

Appendix 4 continued

ICD-9-CM Code	Description
311	Depressive disorder, not elsewhere classified
312.9	Unspecified disturbance of conduct
314.0	Attention deficit disorder without mention of hyperactivity
314.9	Unspecified hyperkinetic syndrome
322.9	Meningitis, unspecified
345.9	Epilepsy, unspecified without mention of intractable epilepsy
346.9	Migraine, unspecified without mention of intractable migraine
360.0	Purulent endophthalmitis, unspecified
372.3	Conjunctivitis, unspecified
373.11	Hordeolum externum
375.9	Unspecified disorder of lacrimal system
379.9	Disorder of eye, unspecified
380.12	Acute swimmers' ear
380.9	Unspecified disorder of external ear
382.9	Unspecified otitis media
386.3	Labyrinthitis, unspecified
388.7	Otalgia, unspecified
388.8	Other disorders of ear
388.9	Unspecified disorder of ear
391.9	Acute rheumatic heart disease, unspecified
401.9	Unspecified essential hypertension
427.9	Cardiac dysrhythmia, unspecified
428.0	Congestive heart failure
429.9	Heart disease, unspecified
460	Acute nasopharyngitis common cold
462	Acute pharyngitis
463	Acute tonsillitis
464.4	Croup
465.9	Acute upper respiratory infections of unspecified site
473.9	Unspecified sinusitis (chronic)
477.8	Allergic rhinitis due to other allergen
477.9	Allergic rhinitis cause unspecified
478.1	Other diseases of nasal cavity and sinuses
478.29	Other diseases of pharynx, not elsewhere classified
486	Pneumonia, organism unspecified
487.1	Influenza with other respiratory manifestations
487.8	Influenza with other manifestations
490	Bronchitis, not specified as acute or chronic
491.9	Unspecified chronic bronchitis
493.9	Asthma, unspecified without mention of status asthmaticus
514	Pulmonary congestion and hypostasis
518.89	Other diseases of lung, not elsewhere classified
519.9	Unspecified disease of respiratory system
520.7	Teething syndrome
521.9	Unspecified disease of hard tissues of teeth
522.9	Other and unspecified diseases of pulp and periapical tissues

Appendix 4 continued

ICD-9-CM	
Code	Description
=====	=====
525.1	Loss teeth due to accident/extraction/local periodontal disease
525.9	Unspecified disorder of the teeth and supporting structures
528.5	Diseases of lips
528.9	Other and unspecified diseases of the oral soft tissues
529.9	Unspecified condition of the tongue
530.81	Esophageal reflux
530.9	Unspecified disorder of esophagus
536.8	Dyspepsia and other specified disorders of function of stomach
536.9	Unspecified functional disorder of stomach
555.9	Enteritis of unspecified site
558.9	Other and unspecified noninfectious gastroenteritis and colitis
564.0	Constipation
564.9	Unspecified functional disorder of intestine
590.9	Infection of kidney, unspecified
593.9	Unspecified disorder of kidney and ureter
595.9	Cystitis, unspecified
596.9	Unspecified disorder of bladder
599.0	Urinary tract infection, site not specified
599.7	Hematuria
599.9	Unspecified disorder of urethra and urinary tract
614.9	Unspec inflammatory disease of female pelvic organs and tissues
620.2	Other and unspecified ovarian cyst
625.3	Dysmenorrhea
626.2	Excessive or frequent menstruation
626.9	Unspecified disorders of menstruation
680.9	Carbuncle and furuncle of unspecified site
681.02	Onychia and paronychia of finger
681.1	Cellulitis and abscess of toe, unspecified
681.11	Onychia and paronychia of toe
682.3	Other cellulitis and abscess of upper arm and forearm
682.7	Other cellulitis and abscess of foot, except toes
682.8	Other cellulitis and abscess of other specified sites
683	Acute lymphadenitis
684	Impetigo
686.9	Unspecified local infection of skin and subcutaneous tissue
691.0	Diaper or napkin rash
691.8	Other atopic dermatitis and related conditions
692.6	Contact dermatitis/eczema of due to plants except food
692.9	Unspecified cause
696.1	Other psoriasis
698.9	Unspecified pruritic disorder
701.1	Keratoderma, acquired
701.4	Keloid scar
705.9	Unspecified disorder of sweat glands
706.1	Other acne
708.9	Urticaria, unspecified

Appendix 4 continued

ICD-9-CM	
Code	Description
=====	=====
709.9	Unspecified disorder of skin and subcutaneous tissue
714.0	Rheumatoid arthritis
719.97	Unspecified disorder of joint, ankle and foot
723.1	Cervicalgia
724.5	Backache, unspecified
728.85	Spasm of muscle
728.9	Unspecified disorder of muscle, ligament, and fascia
780.3	Convulsions
780.6	Pyrexia of unknown origin
780.9	Other general symptoms
782.1	Rash and other nonspecific skin eruption
782.2	Localized superficial swelling, mass, or lump
782.3	Edema
783.9	Other symptoms concerning nutrition, metabolism, development
784.0	Headache
784.7	Epistaxis
784.9	Other symptoms involving head and neck
785.2	Undiagnosed cardiac murmurs
786.0	Respiratory abnormality, unspecified
786.09	Other dyspnea and respiratory abnormalities
786.2	Cough
786.5	Chest pain, unspecified
786.7	Abnormal chest sounds
787.01	Nausea with vomiting
787.03	Vomiting alone
787.3	Flatulence, eructation, and gas pain
788.3	Urinary incontinence, unspecified
789.0	Abdominal pain
790.9	Other nonspecific findings on examination of blood
795.5	Nonspecific reaction to tuberculin test
799.2	Nervousness
799.9	Other unknown and unspecified cause of morbidity and mortality
818.0	Ill-defined closed fractures of upper limb
826.0	Closed fracture of one or more phalanges of foot
827.0	Closed other, multiple, and ill-defined fractures of lower limb
844.9	Sprains and strains of unspecified site of knee and leg
879.8	Opn wound(s) (multiple) of unspec site(s) w/o ment of complicat
879.9	Open wound(s) (multiple) of unspecified site(s), complicated
892.0	Opn wound foot except toe(s) alone w/o mention of complication
894.0	Multipl/unspec opn wnd lowr limb, w/o mention of complication
915.9	Other and unspecified superficial injury of fingers, infected
916.2	Blister of hip, thigh, leg, and ankle w/o mention of infection
917.8	Other and unspec superficial injury of foot/toes w/o infection
918.9	Other and unspecified superficial injuries of eye
919.4	Insect bite of oth/multipl/unspec site, nonvenomous, w/o infect
919.5	Insect bite of oth/multipl/unspec site, nonvenomous, infected

Appendix 4 continued

ICD-9-CM

Code	Description
923.9	Contusion of unspecified part of upper limb
944.2	Blisters, epidermal loss [2nd degree] burn of hand, unspec site
959.0	Face and neck injury, other and unspecified
959.7	Knee, leg, ankle, and foot injury, other and unspecified
959.8	Injury to other specified sites, including multiple
984.9	Toxic effect of unspecified lead compound
995.3	Allergy, unspecified
995.69	Anaphylactic shock due to other specified food
888888	Blank but applicable
999999	Sample person did not know symptom or condition

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